

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
 Data File : VY020829.D
 Acq On : 15 Jan 2025 11:04
 Operator : SY/MD
 Sample : VY0115SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0115SBS01

Quant Time: Jan 16 00:56:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.720	168	217522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	319875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	266684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	133438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	92554	50.060	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	100.120%	
35) Dibromofluoromethane	7.646	113	99701	49.751	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	99.500%	
50) Toluene-d8	10.115	98	375844	53.800	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	107.600%	
62) 4-Bromofluorobenzene	12.414	95	126095	48.878	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	97.760%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	27944	17.505	ug/l	100
3) Chloromethane	2.080	50	16033	19.075	ug/l	99
4) Vinyl Chloride	2.214	62	18736	20.051	ug/l	97
5) Bromomethane	2.611	94	12505	18.790	ug/l	100
6) Chloroethane	2.751	64	11886	20.626	ug/l	94
7) Trichlorofluoromethane	3.074	101	51734	18.039	ug/l	95
8) Diethyl Ether	3.464	74	16651	18.567	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.830	101	37024	19.117	ug/l	99
10) Methyl Iodide	4.019	142	36841	17.751	ug/l	97
11) Tert butyl alcohol	4.891	59	12411	88.837	ug/l	98
12) 1,1-Dichloroethene	3.806	96	31189	18.387	ug/l	98
13) Acrolein	3.671	56	4858	123.823	ug/l	97
14) Allyl chloride	4.397	41	46900	19.164	ug/l	95
15) Acrylonitrile	5.080	53	36685	96.248	ug/l	99
16) Acetone	3.885	43	25026	95.188	ug/l	94
17) Carbon Disulfide	4.123	76	62498	16.984	ug/l	99
18) Methyl Acetate	4.403	43	17402	19.603	ug/l	98
19) Methyl tert-butyl Ether	5.135	73	84863	17.727	ug/l	99
20) Methylene Chloride	4.635	84	33823	18.628	ug/l	97
21) trans-1,2-Dichloroethene	5.141	96	33880	18.137	ug/l	98
22) Diisopropyl ether	6.031	45	106228	20.377	ug/l	94
23) Vinyl Acetate	5.976	43	280320	97.523	ug/l	100
24) 1,1-Dichloroethane	5.933	63	65634	19.083	ug/l	99
25) 2-Butanone	6.909	43	40887	94.673	ug/l	99
26) 2,2-Dichloropropane	6.896	77	64574	18.082	ug/l	100
27) cis-1,2-Dichloroethene	6.903	96	43001	18.245	ug/l	99
28) Bromochloromethane	7.268	49	16663	17.954	ug/l	91
29) Tetrahydrofuran	7.274	42	26784	97.084	ug/l	95
30) Chloroform	7.433	83	70728	18.032	ug/l	96
31) Cyclohexane	7.713	56	50949	18.938	ug/l #	91
32) 1,1,1-Trichloroethane	7.628	97	67584	17.665	ug/l	99
36) 1,1-Dichloropropene	7.848	75	47531	18.595	ug/l	99
37) Ethyl Acetate	6.994	43	20964	20.610	ug/l	99
38) Carbon Tetrachloride	7.829	117	63131	17.743	ug/l	96
39) Methylcyclohexane	9.122	83	57162	18.224	ug/l	98
40) Benzene	8.091	78	146700	18.700	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
 Data File : VY020829.D
 Acq On : 15 Jan 2025 11:04
 Operator : SY/MD
 Sample : VY0115SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0115SBS01

Quant Time: Jan 16 00:56:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	11101	19.056	ug/l	97
42) 1,2-Dichloroethane	8.165	62	38224	17.842	ug/l	98
43) Isopropyl Acetate	8.207	43	39334	19.012	ug/l	99
44) Trichloroethene	8.872	130	40167	18.367	ug/l	99
45) 1,2-Dichloropropane	9.152	63	34629	19.471	ug/l	96
46) Dibromomethane	9.244	93	19055	18.658	ug/l	99
47) Bromodichloromethane	9.433	83	53798	18.394	ug/l	100
48) Methyl methacrylate	9.231	41	17375	18.732	ug/l	98
49) 1,4-Dioxane	9.244	88	3925	361.982	ug/l	97
51) 4-Methyl-2-Pentanone	10.006	43	100089	96.834	ug/l	98
52) Toluene	10.176	92	97657	18.799	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	48061	18.475	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	55687	18.432	ug/l	97
55) 1,1,2-Trichloroethane	10.579	97	28666	19.648	ug/l	99
56) Ethyl methacrylate	10.451	69	33904	18.400	ug/l	98
57) 1,3-Dichloropropane	10.725	76	45423	19.099	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	66974	91.623	ug/l	97
59) 2-Hexanone	10.768	43	65547	98.848	ug/l	95
60) Dibromochloromethane	10.920	129	39637	18.732	ug/l	100
61) 1,2-Dibromoethane	11.024	107	24566	18.755	ug/l	98
64) Tetrachloroethene	10.658	164	36043	18.383	ug/l	98
65) Chlorobenzene	11.451	112	109486	18.568	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	40736	18.148	ug/l	97
67) Ethyl Benzene	11.530	91	190011	18.613	ug/l	100
68) m/p-Xylenes	11.640	106	145399	36.993	ug/l	98
69) o-Xylene	11.963	106	68147	18.286	ug/l	100
70) Styrene	11.975	104	116182	18.520	ug/l	98
71) Bromoform	12.139	173	23259	18.227	ug/l #	99
73) Isopropylbenzene	12.261	105	190391	17.985	ug/l	100
74) N-amyl acetate	12.078	43	32627	18.842	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.517	83	29950	18.667	ug/l	100
76) 1,2,3-Trichloropropane	12.566	75	23382m	20.026	ug/l	
77) Bromobenzene	12.542	156	43830	17.958	ug/l	97
78) n-propylbenzene	12.603	91	224402	18.676	ug/l	98
79) 2-Chlorotoluene	12.688	91	127568	18.437	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	155273	18.099	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	10177	18.379	ug/l	97
82) 4-Chlorotoluene	12.786	91	129142	18.085	ug/l	98
83) tert-Butylbenzene	13.005	119	145253	18.103	ug/l	98
84) 1,2,4-Trimethylbenzene	13.054	105	152998	18.263	ug/l	98
85) sec-Butylbenzene	13.182	105	207886	18.549	ug/l	100
86) p-Isopropyltoluene	13.298	119	174252	18.225	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	86405	18.220	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	84697	18.144	ug/l	98
89) n-Butylbenzene	13.627	91	154067	18.575	ug/l	100
90) Hexachloroethane	13.889	117	34211	17.820	ug/l	99
91) 1,2-Dichlorobenzene	13.670	146	74784	18.036	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	4280	16.498	ug/l	94
93) 1,2,4-Trichlorobenzene	14.932	180	42349	17.747	ug/l	100
94) Hexachlorobutadiene	15.035	225	29790	17.709	ug/l	99
95) Naphthalene	15.157	128	66468	16.924	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	34960	17.487	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
Data File : VY020829.D
Acq On : 15 Jan 2025 11:04
Operator : SY/MD
Sample : VY0115SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 00:56:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
Data File : VY020829.D
Acq On : 15 Jan 2025 11:04
Operator : SY/MD
Sample : VY0115SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0115SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 00:56:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration

