

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110823\
 Data File : VY016262.D
 Acq On : 08 Nov 2023 13:50
 Operator : SY/MD
 Sample : VY1108SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

Quant Time: Nov 09 00:58:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/09/2023
 Supervised By :Mahesh Dadoda 11/09/2023

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	177740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	289460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	252191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	120157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	78188	48.131	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.260%		
35) Dibromofluoromethane	7.728	113	78634	47.822	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.640%		
50) Toluene-d8	10.191	98	315365	47.295	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.600%		
62) 4-Bromofluorobenzene	12.489	95	104917	48.445	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	35695	20.510	ug/l	98
3) Chloromethane	2.119	50	41293	20.259	ug/l	97
4) Vinyl Chloride	2.259	62	44043	20.095	ug/l	100
5) Bromomethane	2.656	94	29568	20.528	ug/l	97
6) Chloroethane	2.802	64	27497	19.661	ug/l	100
7) Trichlorofluoromethane	3.131	101	63601	19.946	ug/l	93
8) Diethyl Ether	3.540	74	20286	21.286	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.905	101	38222	19.901	ug/l	95
10) Methyl Iodide	4.101	142	40929	19.732	ug/l	96
11) Tert butyl alcohol	4.966	59	13426	105.543	ug/l #	80
12) 1,1-Dichloroethene	3.881	96	35843	19.956	ug/l	89
13) Acrolein	3.741	56	18549	120.890	ug/l	97
14) Allyl chloride	4.491	41	51441	20.182	ug/l #	93
15) Acrylonitrile	5.174	53	41033	108.494	ug/l	98
16) Acetone	3.954	43	28990	107.887	ug/l #	88
17) Carbon Disulfide	4.204	76	107319	19.803	ug/l	100
18) Methyl Acetate	4.491	43	30726	21.519	ug/l #	88
19) Methyl tert-butyl Ether	5.234	73	91235	20.987	ug/l	98
20) Methylene Chloride	4.735	84	45237	21.873	ug/l	87
21) trans-1,2-Dichloroethene	5.234	96	40951	19.802	ug/l	98
22) Diisopropyl ether	6.137	45	112314	20.447	ug/l #	87
23) Vinyl Acetate	6.076	43	284579	106.920	ug/l #	94
24) 1,1-Dichloroethane	6.033	63	68869	20.323	ug/l	97
25) 2-Butanone	6.996	43	52979	112.564	ug/l	93
26) 2,2-Dichloropropane	6.990	77	62204	20.168	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	45551	20.438	ug/l	91
28) Bromochloromethane	7.350	49	25165	20.065	ug/l	88
29) Tetrahydrofuran	7.362	42	34911	112.222	ug/l	92
30) Chloroform	7.521	83	71005	20.130	ug/l	94
31) Cyclohexane	7.801	56	64318	20.110	ug/l	86
32) 1,1,1-Trichloroethane	7.716	97	65649	20.304	ug/l	97
36) 1,1-Dichloropropene	7.929	75	55787	19.539	ug/l	99
37) Ethyl Acetate	7.088	43	25134	21.787	ug/l	96
38) Carbon Tetrachloride	7.911	117	58242	19.654	ug/l	98
39) Methylcyclohexane	9.197	83	70831	19.909	ug/l	90
40) Benzene	8.173	78	159034	19.825	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110823\
 Data File : VY016262.D
 Acq On : 08 Nov 2023 13:50
 Operator : SY/MD
 Sample : VY1108SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

Quant Time: Nov 09 00:58:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/09/2023
 Supervised By : Mahesh Dadoda 11/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	12441m	21.388	ug/l	
42) 1,2-Dichloroethane	8.246	62	43554	20.955	ug/l	94
43) Isopropyl Acetate	8.283	43	47994	21.522	ug/l	93
44) Trichloroethene	8.953	130	45957	19.934	ug/l	99
45) 1,2-Dichloropropane	9.228	63	38907	20.196	ug/l	97
46) Dibromomethane	9.319	93	21590	20.680	ug/l	96
47) Bromodichloromethane	9.508	83	54287	20.226	ug/l	99
48) Methyl methacrylate	9.301	41	26422	21.439	ug/l	86
49) 1,4-Dioxane	9.307	88	4616	416.480	ug/l #	53
51) 4-Methyl-2-Pentanone	10.081	43	122724	108.832	ug/l	91
52) Toluene	10.252	92	102187	20.152	ug/l	94
53) t-1,3-Dichloropropene	10.477	75	53272	20.474	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	63373	20.392	ug/l	91
55) 1,1,2-Trichloroethane	10.654	97	29701	20.641	ug/l	97
56) Ethyl methacrylate	10.520	69	28623	21.073	ug/l #	87
57) 1,3-Dichloropropane	10.801	76	52027	21.212	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	95745	103.955	ug/l	94
59) 2-Hexanone	10.843	43	95099	113.379	ug/l	89
60) Dibromochloromethane	10.996	129	37239	20.693	ug/l	99
61) 1,2-Dibromoethane	11.099	107	28912	21.090	ug/l	99
64) Tetrachloroethene	10.734	164	44915	19.835	ug/l	96
65) Chlorobenzene	11.526	112	106865	19.833	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	39514	19.883	ug/l	97
67) Ethyl Benzene	11.605	91	192057	19.834	ug/l	99
68) m/p-Xylenes	11.715	106	148132	40.332	ug/l	94
69) o-Xylene	12.038	106	69036	20.245	ug/l	96
70) Styrene	12.056	104	99734	20.425	ug/l	98
71) Bromoform	12.215	173	21818	21.158	ug/l #	98
73) Isopropylbenzene	12.343	105	188144	19.336	ug/l	100
74) N-amyl acetate	12.154	43	40718	20.834	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.593	83	31918	20.443	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	23401m	20.302	ug/l	
77) Bromobenzene	12.617	156	41940	19.071	ug/l	97
78) n-propylbenzene	12.684	91	222258	19.329	ug/l	100
79) 2-Chlorotoluene	12.764	91	121680	19.201	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	152427	19.430	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	11091	20.886	ug/l	89
82) 4-Chlorotoluene	12.867	91	128932	19.690	ug/l	100
83) tert-Butylbenzene	13.087	119	134664	19.489	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	149682	19.378	ug/l	98
85) sec-Butylbenzene	13.264	105	191659	19.415	ug/l	99
86) p-Isopropyltoluene	13.379	119	166902	19.635	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	82944	19.605	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	83556	20.208	ug/l	99
89) n-Butylbenzene	13.703	91	155622	19.824	ug/l	97
90) Hexachloroethane	13.971	117	30774	18.768	ug/l	91
91) 1,2-Dichlorobenzene	13.751	146	71384	19.690	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4840	19.484	ug/l	83
93) 1,2,4-Trichlorobenzene	15.019	180	45448	21.477	ug/l	99
94) Hexachlorobutadiene	15.123	225	25351	20.910	ug/l	97
95) Naphthalene	15.245	128	81950	21.652	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	37669	21.521	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110823\
Data File : VY016262.D
Acq On : 08 Nov 2023 13:50
Operator : SY/MD
Sample : VY1108SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/09/2023
Supervised By :Mahesh Dadoda 11/09/2023

Quant Time: Nov 09 00:58:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

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

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

