

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
 Data File : VY019501.D
 Acq On : 11 Sep 2024 10:41
 Operator : SY/MD
 Sample : VY0911SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0911SBS01

Quant Time: Sep 12 01:30:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
 Supervised By :Semsettin Yesilyurt 09/12/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	522402	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	891409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	758632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	364673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	262042	54.171	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.340%			
35) Dibromofluoromethane	7.634	113	261147	51.670	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.340%			
50) Toluene-d8	10.109	98	970627	51.922	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.840%			
62) 4-Bromofluorobenzene	12.408	95	352535	49.045	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 98.080%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	77341	25.043	ug/l	100
3) Chloromethane	2.068	50	95320	22.054	ug/l	98
4) Vinyl Chloride	2.208	62	105741	22.625	ug/l	97
5) Bromomethane	2.592	94	71780	25.004	ug/l	95
6) Chloroethane	2.733	64	70019	22.918	ug/l	99
7) Trichlorofluoromethane	3.056	101	171446	22.006	ug/l	96
8) Diethyl Ether	3.452	74	55204	21.110	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.812	101	102456	21.259	ug/l	97
10) Methyl Iodide	4.001	142	122696	19.857	ug/l	93
11) Tert butyl alcohol	4.866	59	43071	110.254	ug/l	# 77
12) 1,1-Dichloroethene	3.787	96	93724	20.222	ug/l	90
13) Acrolein	3.653	56	28757	147.006	ug/l	100
14) Allyl chloride	4.385	41	167690	20.175	ug/l	# 92
15) Acrylonitrile	5.055	53	121273	107.550	ug/l	99
16) Acetone	3.873	43	125123	108.574	ug/l	91
17) Carbon Disulfide	4.104	76	238378	19.036	ug/l	98
18) Methyl Acetate	4.379	43	56228	17.979	ug/l	93
19) Methyl tert-butyl Ether	5.110	73	283889	21.626	ug/l	97
20) Methylene Chloride	4.610	84	123123	23.427	ug/l	# 87
21) trans-1,2-Dichloroethene	5.110	96	105237	20.715	ug/l	93
22) Diisopropyl ether	6.013	45	363488	21.296	ug/l	92
23) Vinyl Acetate	5.958	43	1065031	109.243	ug/l	94
24) 1,1-Dichloroethane	5.915	63	203594	21.257	ug/l	97
25) 2-Butanone	6.890	43	177170	108.094	ug/l	90
26) 2,2-Dichloropropane	6.878	77	184891	21.401	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	130661	21.173	ug/l	89
28) Bromochloromethane	7.238	49	75438	18.720	ug/l	84
29) Tetrahydrofuran	7.262	42	103492	103.849	ug/l	88
30) Chloroform	7.415	83	211300	21.611	ug/l	99
31) Cyclohexane	7.701	56	168385	19.450	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	190118	21.694	ug/l	98
36) 1,1-Dichloropropene	7.835	75	142990	20.792	ug/l	97
37) Ethyl Acetate	6.982	43	74872	21.248	ug/l	# 93
38) Carbon Tetrachloride	7.817	117	164732	21.241	ug/l	97
39) Methylcyclohexane	9.110	83	182741	19.967	ug/l	91
40) Benzene	8.079	78	434649	20.520	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
 Data File : VY019501.D
 Acq On : 11 Sep 2024 10:41
 Operator : SY/MD
 Sample : VY0911SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0911SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
 Supervised By :Semsettin Yesilyurt 09/12/2024

Quant Time: Sep 12 01:30:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	40334	19.636	ug/l	88
42) 1,2-Dichloroethane	8.158	62	124891	21.911	ug/l	96
43) Isopropyl Acetate	8.195	43	157006	21.208	ug/l	91
44) Trichloroethene	8.866	130	111403	20.450	ug/l	97
45) 1,2-Dichloropropane	9.140	63	107291	20.719	ug/l	98
46) Dibromomethane	9.231	93	59955	21.172	ug/l	96
47) Bromodichloromethane	9.420	83	165010	21.677	ug/l	99
48) Methyl methacrylate	9.219	41	70104	20.053	ug/l	86
49) 1,4-Dioxane	9.231	88	14226	426.729	ug/l #	94
51) 4-Methyl-2-Pentanone	10.000	43	394061	105.805	ug/l	92
52) Toluene	10.170	92	285175	20.933	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	151554	20.885	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	173480	20.531	ug/l #	85
55) 1,1,2-Trichloroethane	10.573	97	82835	21.182	ug/l	98
56) Ethyl methacrylate	10.439	69	125084	21.056	ug/l #	81
57) 1,3-Dichloropropane	10.719	76	145945	21.711	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	272659	98.889	ug/l	98
59) 2-Hexanone	10.762	43	290051	106.227	ug/l	89
60) Dibromochloromethane	10.914	129	108537	20.981	ug/l	100
61) 1,2-Dibromoethane	11.018	107	76857	21.093	ug/l	99
64) Tetrachloroethene	10.646	164	97843	20.827	ug/l	94
65) Chlorobenzene	11.444	112	315754	21.159	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	110884	21.461	ug/l	98
67) Ethyl Benzene	11.518	91	561534	21.178	ug/l	100
68) m/p-Xylenes	11.627	106	420223	41.913	ug/l	93
69) o-Xylene	11.957	106	205183	20.926	ug/l	95
70) Styrene	11.969	104	348033	21.023	ug/l	96
71) Bromoform	12.133	173	62823	21.288	ug/l #	95
73) Isopropylbenzene	12.255	105	552567	20.886	ug/l	98
74) N-amyl acetate	12.072	43	150017	20.850	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	97369	20.735	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	61846m	18.094	ug/l	
77) Bromobenzene	12.530	156	120054	20.461	ug/l	91
78) n-propylbenzene	12.597	91	654335	20.867	ug/l	99
79) 2-Chlorotoluene	12.682	91	375950	20.573	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	444908	20.686	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	35499	19.938	ug/l	92
82) 4-Chlorotoluene	12.780	91	394026	20.973	ug/l	96
83) tert-Butylbenzene	12.999	119	406973	20.902	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	443067	20.811	ug/l	98
85) sec-Butylbenzene	13.176	105	598550	21.161	ug/l	100
86) p-Isopropyltoluene	13.292	119	491628	21.244	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	237991	20.874	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	234422	20.718	ug/l	96
89) n-Butylbenzene	13.621	91	467826	21.146	ug/l	99
90) Hexachloroethane	13.883	117	99718	20.709	ug/l	93
91) 1,2-Dichlorobenzene	13.658	146	211247	20.763	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	16045	20.502	ug/l	83
93) 1,2,4-Trichlorobenzene	14.919	180	122302	19.764	ug/l	97
94) Hexachlorobutadiene	15.023	225	65178	19.717	ug/l	96
95) Naphthalene	15.145	128	238838	19.274	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	103381	19.532	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
Data File : VY019501.D
Acq On : 11 Sep 2024 10:41
Operator : SY/MD
Sample : VY0911SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024

Quant Time: Sep 12 01:30:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

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

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

