

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016943.D
 Acq On : 09 Jan 2024 11:51
 Operator : SY/MD
 Sample : VY0109SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0109SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/10/2024
 Supervised By :Semsettin Yesilyurt 01/10/2024

Quant Time: Jan 10 02:24:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	130826	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	217174	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	184909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	82270	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	62796	48.565	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.120%		
35) Dibromofluoromethane	7.746	113	67009	48.420	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.840%		
50) Toluene-d8	10.203	98	238074	49.958	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.920%		
62) 4-Bromofluorobenzene	12.501	95	78563	48.863	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	21852	20.271	ug/l	95
3) Chloromethane	2.125	50	29149	18.967	ug/l	100
4) Vinyl Chloride	2.265	62	36089	19.908	ug/l	95
5) Bromomethane	2.668	94	25482	19.622	ug/l	99
6) Chloroethane	2.814	64	23786	19.397	ug/l	96
7) Trichlorofluoromethane	3.143	101	45977	20.584	ug/l	100
8) Diethyl Ether	3.546	74	14872	20.835	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.924	101	30402	20.934	ug/l	98
10) Methyl Iodide	4.119	142	24867	20.127	ug/l	97
11) Tert butyl alcohol	4.985	59	11631	104.297	ug/l	99
12) 1,1-Dichloroethene	3.899	96	24787	19.892	ug/l	96
13) Acrolein	3.753	56	17045	116.687	ug/l	98
14) Allyl chloride	4.503	41	40647	20.634	ug/l	99
15) Acrylonitrile	5.192	53	37202	111.423	ug/l	100
16) Acetone	3.966	43	47658	138.810	ug/l	98
17) Carbon Disulfide	4.222	76	53795	18.068	ug/l	100
18) Methyl Acetate	4.509	43	27344	19.738	ug/l	99
19) Methyl tert-butyl Ether	5.253	73	70224	21.662	ug/l	99
20) Methylene Chloride	4.747	84	36209	16.451	ug/l	99
21) trans-1,2-Dichloroethene	5.253	96	28637	20.066	ug/l	95
22) Diisopropyl ether	6.149	45	98753	21.684	ug/l	98
23) Vinyl Acetate	6.088	43	238529	114.227	ug/l	99
24) 1,1-Dichloroethane	6.051	63	56633	20.693	ug/l	98
25) 2-Butanone	7.015	43	59119	129.296	ug/l	98
26) 2,2-Dichloropropane	7.009	77	49136	20.707	ug/l	100
27) cis-1,2-Dichloroethene	7.015	96	34358	20.538	ug/l	96
28) Bromochloromethane	7.362	49	20615	20.065	ug/l	100
29) Tetrahydrofuran	7.374	42	29231	111.694	ug/l	98
30) Chloroform	7.533	83	59086	20.950	ug/l	98
31) Cyclohexane	7.813	56	43896	19.780	ug/l	98
32) 1,1,1-Trichloroethane	7.728	97	50156	20.974	ug/l	98
36) 1,1-Dichloropropene	7.941	75	42019	20.834	ug/l	99
37) Ethyl Acetate	7.106	43	21242	23.176	ug/l	98
38) Carbon Tetrachloride	7.929	117	41788	20.393	ug/l	99
39) Methylcyclohexane	9.209	83	44968	19.833	ug/l	99
40) Benzene	8.185	78	126026	20.830	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	9638m	19.966	ug/l	
42) 1,2-Dichloroethane	8.264	62	34885	21.719	ug/l	99
43) Isopropyl Acetate	8.295	43	39738	22.641	ug/l	99
44) Trichloroethene	8.966	130	32491	21.105	ug/l	96
45) 1,2-Dichloropropane	9.234	63	33458	21.466	ug/l	98
46) Dibromomethane	9.325	93	16893	21.251	ug/l	99
47) Bromodichloromethane	9.520	83	44704	20.942	ug/l	95
48) Methyl methacrylate	9.313	41	19927	21.037	ug/l	94
49) 1,4-Dioxane	9.319	88	3768	457.792	ug/l	98
51) 4-Methyl-2-Pentanone	10.093	43	106773	114.388	ug/l	100
52) Toluene	10.264	92	78277	21.438	ug/l	99
53) t-1,3-Dichloropropene	10.484	75	41171	21.533	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	48618	21.173	ug/l	97
55) 1,1,2-Trichloroethane	10.666	97	25354	21.832	ug/l	97
56) Ethyl methacrylate	10.532	69	21719	22.080	ug/l	99
57) 1,3-Dichloropropane	10.813	76	41680	21.496	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.801	63	52837	96.846	ug/l	100
59) 2-Hexanone	10.849	43	81939	119.217	ug/l	100
60) Dibromochloromethane	11.002	129	29758	22.220	ug/l	97
61) 1,2-Dibromoethane	11.111	107	22470	22.270	ug/l	97
64) Tetrachloroethene	10.740	164	24818	20.702	ug/l	98
65) Chlorobenzene	11.538	112	82593	21.442	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.611	131	31747	21.681	ug/l	99
67) Ethyl Benzene	11.611	91	146539	21.131	ug/l	99
68) m/p-Xylenes	11.721	106	109124	42.869	ug/l	100
69) o-Xylene	12.050	106	50783	21.280	ug/l	100
70) Styrene	12.063	104	74874	21.558	ug/l	99
71) Bromoform	12.227	173	15803	21.922	ug/l #	99
73) Isopropylbenzene	12.349	105	140917	20.975	ug/l	100
74) N-amyl acetate	12.160	43	30182	22.361	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	29328	21.425	ug/l	100
76) 1,2,3-Trichloropropane	12.654	75	20535m	23.001	ug/l	
77) Bromobenzene	12.630	156	30484	20.609	ug/l	98
78) n-propylbenzene	12.690	91	170469	20.872	ug/l	100
79) 2-Chlorotoluene	12.776	91	93806	20.712	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	112725	21.216	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.398	75	8481	21.571	ug/l	98
82) 4-Chlorotoluene	12.873	91	98361	21.258	ug/l	99
83) tert-Butylbenzene	13.093	119	98641	21.078	ug/l	97
84) 1,2,4-Trimethylbenzene	13.136	105	111244	21.260	ug/l	99
85) sec-Butylbenzene	13.270	105	146243	21.090	ug/l	100
86) p-Isopropyltoluene	13.385	119	120525	21.060	ug/l	99
87) 1,3-Dichlorobenzene	13.385	146	60463	20.843	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	61204	21.571	ug/l	99
89) n-Butylbenzene	13.715	91	115717	21.030	ug/l	100
90) Hexachloroethane	13.977	117	25396	20.651	ug/l	100
91) 1,2-Dichlorobenzene	13.757	146	53283	21.254	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.373	75	3470	20.215	ug/l	96
93) 1,2,4-Trichlorobenzene	15.025	180	27577	22.152	ug/l	96
94) Hexachlorobutadiene	15.129	225	16759	21.490	ug/l	99
95) Naphthalene	15.251	128	49098	23.312	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	23525	22.255	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

