

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
 Data File : VY020531.D
 Acq On : 06 Dec 2024 12:41
 Operator : SY/MD
 Sample : VY1206SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBSD01

Manual Integrations
 APPROVED

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

Quant Time: Dec 07 03:23:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	134587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	216718	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	188190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	95244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	79787	58.291	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	116.580%	
35) Dibromofluoromethane	7.640	113	73989	54.231	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	108.460%	
50) Toluene-d8	10.109	98	273597	52.664	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	105.320%	
62) 4-Bromofluorobenzene	12.408	95	98798	54.374	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	108.740%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	24445	18.620	ug/l	98
3) Chloromethane	2.074	50	23637	17.783	ug/l	96
4) Vinyl Chloride	2.208	62	23998	17.707	ug/l	99
5) Bromomethane	2.598	94	14772	18.577	ug/l	97
6) Chloroethane	2.739	64	15389	18.526	ug/l	93
7) Trichlorofluoromethane	3.062	101	48899	19.265	ug/l	99
8) Diethyl Ether	3.464	74	15447	21.479	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	30208	20.425	ug/l	98
10) Methyl Iodide	4.013	142	32517	19.585	ug/l	94
11) Tert butyl alcohol	4.872	59	15753	177.416	ug/l	96
12) 1,1-Dichloroethene	3.793	96	27385	19.601	ug/l	87
13) Acrolein	3.659	56	10013	120.447	ug/l	98
14) Allyl chloride	4.391	41	48908	19.628	ug/l	97
15) Acrylonitrile	5.068	53	36422	121.547	ug/l	98
16) Acetone	3.879	43	35353	103.875	ug/l	100
17) Carbon Disulfide	4.116	76	65454	16.369	ug/l	98
18) Methyl Acetate	4.391	43	18751	25.922	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	83268	23.338	ug/l	98
20) Methylene Chloride	4.629	84	32597	22.515	ug/l	89
21) trans-1,2-Dichloroethene	5.122	96	30793	19.844	ug/l	96
22) Diisopropyl ether	6.025	45	109452	22.089	ug/l	95
23) Vinyl Acetate	5.970	43	299658	114.336	ug/l	98
24) 1,1-Dichloroethane	5.927	63	62081	20.811	ug/l	99
25) 2-Butanone	6.903	43	50930	118.507	ug/l	93
26) 2,2-Dichloropropane	6.890	77	56550	20.043	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	38333	21.155	ug/l	99
28) Bromochloromethane	7.250	49	22798	20.465	ug/l	92
29) Tetrahydrofuran	7.268	42	30954	126.253	ug/l	98
30) Chloroform	7.427	83	66805	21.820	ug/l	93
31) Cyclohexane	7.713	56	50105	18.579	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	60886	20.653	ug/l	97
36) 1,1-Dichloropropene	7.841	75	43892	19.051	ug/l	99
37) Ethyl Acetate	6.994	43	23296	25.522	ug/l	98
38) Carbon Tetrachloride	7.823	117	56002	20.366	ug/l	97
39) Methylcyclohexane	9.109	83	52335	18.305	ug/l	98
40) Benzene	8.085	78	138789	20.431	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	11251	21.683	ug/l	91
42) 1,2-Dichloroethane	8.165	62	40231	22.539	ug/l	99
43) Isopropyl Acetate	8.201	43	44952	24.388	ug/l #	89
44) Trichloroethene	8.872	130	34238	20.445	ug/l	93
45) 1,2-Dichloropropane	9.146	63	33168	20.865	ug/l	100
46) Dibromomethane	9.238	93	18096	22.992	ug/l	98
47) Bromodichloromethane	9.427	83	50849	21.928	ug/l	99
48) Methyl methacrylate	9.225	41	20041	23.317	ug/l	95
49) 1,4-Dioxane	9.244	88	4051	538.470	ug/l	91
51) 4-Methyl-2-Pentanone	10.000	43	117388	128.963	ug/l	99
52) Toluene	10.176	92	87463	20.636	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	46206	22.195	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	52543	21.356	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	24721	23.546	ug/l	98
56) Ethyl methacrylate	10.445	69	35228	23.714	ug/l	96
57) 1,3-Dichloropropane	10.719	76	43454	23.113	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	76789	110.400	ug/l	95
59) 2-Hexanone	10.762	43	77590	118.159	ug/l	97
60) Dibromochloromethane	10.914	129	34067	23.306	ug/l	100
61) 1,2-Dibromoethane	11.018	107	22160	23.080	ug/l	99
64) Tetrachloroethene	10.652	164	32600	20.501	ug/l	97
65) Chlorobenzene	11.444	112	97707	20.713	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	35174	21.026	ug/l	98
67) Ethyl Benzene	11.524	91	174491	19.735	ug/l	98
68) m/p-Xylenes	11.633	106	129146	39.889	ug/l	100
69) o-Xylene	11.957	106	61830	20.385	ug/l	99
70) Styrene	11.975	104	105375	20.824	ug/l	100
71) Bromoform	12.133	173	19816	23.298	ug/l #	99
73) Isopropylbenzene	12.255	105	172217	18.688	ug/l	100
74) N-amyl acetate	12.072	43	38851	21.510	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	27870	21.030	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	23573m	24.296	ug/l	
77) Bromobenzene	12.536	156	37099	19.440	ug/l	98
78) n-propylbenzene	12.597	91	203159	18.620	ug/l	100
79) 2-Chlorotoluene	12.682	91	116944	18.995	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	140315	19.000	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	9880	20.894	ug/l	93
82) 4-Chlorotoluene	12.780	91	120924	19.247	ug/l	100
83) tert-Butylbenzene	12.999	119	128580	19.258	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	136970	19.082	ug/l	99
85) sec-Butylbenzene	13.182	105	181819	19.002	ug/l	100
86) p-Isopropyltoluene	13.298	119	153436	19.405	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	75324	20.466	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	73224	20.323	ug/l	98
89) n-Butylbenzene	13.621	91	141722	19.325	ug/l	98
90) Hexachloroethane	13.883	117	30293	19.658	ug/l	95
91) 1,2-Dichlorobenzene	13.664	146	65386	20.949	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4652	23.188	ug/l	98
93) 1,2,4-Trichlorobenzene	14.926	180	38560	21.971	ug/l	99
94) Hexachlorobutadiene	15.029	225	25000	20.362	ug/l	96
95) Naphthalene	15.151	128	67091	23.623	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	32867	23.209	ug/l	97

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

