

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120324\
 Data File : VY020496.D
 Acq On : 03 Dec 2024 10:57
 Operator : SY/MD
 Sample : VY1203SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1203SBSD01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 12/04/2024
 Supervised By :Mahesh Dadoda 12/04/2024

Quant Time: Dec 03 21:42:50 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	7.719	168	148407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	235118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	191714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	90376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	76167	50.464	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	100.920%	
35) Dibromofluoromethane	7.646	113	74154	50.098	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	100.200%	
50) Toluene-d8	10.115	98	282726	50.162	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	100.320%	
62) 4-Bromofluorobenzene	12.414	95	96258	48.831	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	97.660%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	26141	18.058	ug/l	100
3) Chloromethane	2.080	50	26181	17.862	ug/l	97
4) Vinyl Chloride	2.214	62	27575	18.452	ug/l	99
5) Bromomethane	2.604	94	16236	18.517	ug/l	99
6) Chloroethane	2.751	64	16918	18.471	ug/l	93
7) Trichlorofluoromethane	3.074	101	54060	19.315	ug/l	99
8) Diethyl Ether	3.464	74	15640	19.722	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.830	101	31982	19.611	ug/l	97
10) Methyl Iodide	4.019	142	35765	19.535	ug/l	97
11) Tert butyl alcohol	4.891	59	10219	104.373	ug/l #	73
12) 1,1-Dichloroethene	3.805	96	30168	19.582	ug/l	97
13) Acrolein	3.665	56	10666	116.354	ug/l	98
14) Allyl chloride	4.403	41	52259	19.019	ug/l	96
15) Acrylonitrile	5.080	53	32333	97.853	ug/l	99
16) Acetone	3.878	43	33969	90.514	ug/l	97
17) Carbon Disulfide	4.122	76	75922	17.219	ug/l	98
18) Methyl Acetate	4.403	43	15841	19.860	ug/l	100
19) Methyl tert-butyl Ether	5.128	73	79533	20.215	ug/l	97
20) Methylene Chloride	4.634	84	31496	19.729	ug/l	90
21) trans-1,2-Dichloroethene	5.140	96	33752	19.725	ug/l	93
22) Diisopropyl ether	6.031	45	109939	20.121	ug/l	96
23) Vinyl Acetate	5.976	43	287067	99.332	ug/l	98
24) 1,1-Dichloroethane	5.933	63	65584	19.938	ug/l	99
25) 2-Butanone	6.908	43	45480	95.971	ug/l	93
26) 2,2-Dichloropropane	6.896	77	62154	19.977	ug/l	100
27) cis-1,2-Dichloroethene	6.902	96	40126	20.083	ug/l	99
28) Bromochloromethane	7.256	49	20321	16.543	ug/l	93
29) Tetrahydrofuran	7.274	42	25951	95.990	ug/l	96
30) Chloroform	7.433	83	68632	20.330	ug/l	97
31) Cyclohexane	7.713	56	55689	18.727	ug/l #	91
32) 1,1,1-Trichloroethane	7.628	97	66229	20.373	ug/l	97
36) 1,1-Dichloropropene	7.847	75	49349	19.743	ug/l	99
37) Ethyl Acetate	6.994	43	18910	19.096	ug/l	98
38) Carbon Tetrachloride	7.829	117	59755	20.030	ug/l	97
39) Methylcyclohexane	9.115	83	58256	18.782	ug/l	97
40) Benzene	8.091	78	145430	19.733	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	9803	17.414	ug/l	87
42) 1,2-Dichloroethane	8.170	62	39355	20.323	ug/l	100
43) Isopropyl Acetate	8.207	43	39798	19.902	ug/l #	86
44) Trichloroethene	8.872	130	36098	19.869	ug/l	98
45) 1,2-Dichloropropane	9.146	63	33642	19.507	ug/l	96
46) Dibromomethane	9.243	93	16937	19.835	ug/l	98
47) Bromodichloromethane	9.432	83	51155	20.334	ug/l	96
48) Methyl methacrylate	9.231	41	19046	20.425	ug/l	97
49) 1,4-Dioxane	9.237	88	3064	375.403	ug/l #	90
51) 4-Methyl-2-Pentanone	10.005	43	98524	99.768	ug/l	100
52) Toluene	10.176	92	93033	20.233	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	45007	19.927	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	53934	20.206	ug/l	95
55) 1,1,2-Trichloroethane	10.579	97	22930	20.131	ug/l	97
56) Ethyl methacrylate	10.444	69	31811	19.738	ug/l	94
57) 1,3-Dichloropropane	10.725	76	41897	20.541	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	73099	96.871	ug/l	97
59) 2-Hexanone	10.768	43	67100	94.187	ug/l	97
60) Dibromochloromethane	10.920	129	31984	20.169	ug/l	98
61) 1,2-Dibromoethane	11.024	107	20238	19.429	ug/l	99
64) Tetrachloroethene	10.652	164	32435	20.022	ug/l	94
65) Chlorobenzene	11.450	112	96955	20.176	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.523	131	35139	20.619	ug/l	98
67) Ethyl Benzene	11.523	91	181967	20.202	ug/l	99
68) m/p-Xylenes	11.633	106	132897	40.293	ug/l	98
69) o-Xylene	11.962	106	63506	20.553	ug/l	100
70) Styrene	11.975	104	106505	20.660	ug/l	99
71) Bromoform	12.139	173	17627	20.344	ug/l #	99
73) Isopropylbenzene	12.261	105	175194	20.035	ug/l	100
74) N-amyl acetate	12.078	43	32625	19.036	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	24544	19.518	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	14748m	16.019	ug/l	
77) Bromobenzene	12.535	156	35803	19.771	ug/l	98
78) n-propylbenzene	12.603	91	209511	20.237	ug/l	100
79) 2-Chlorotoluene	12.688	91	119315	20.424	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	142800	20.378	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.310	75	8604	19.176	ug/l	98
82) 4-Chlorotoluene	12.785	91	119751	20.087	ug/l	98
83) tert-Butylbenzene	13.005	119	131272	20.720	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	138808	20.380	ug/l	100
85) sec-Butylbenzene	13.182	105	183317	20.190	ug/l	99
86) p-Isopropyltoluene	13.298	119	153937	20.517	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	72175	20.667	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	69712	20.390	ug/l	98
89) n-Butylbenzene	13.627	91	140932	20.252	ug/l	99
90) Hexachloroethane	13.889	117	29663	20.286	ug/l	95
91) 1,2-Dichlorobenzene	13.669	146	60953	20.581	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3846	20.203	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	34314	20.605	ug/l	99
94) Hexachlorobutadiene	15.029	225	23608	20.264	ug/l	99
95) Naphthalene	15.151	128	54375	20.177	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	27427	20.410	ug/l	99

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

