

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112624\
 Data File : VY020453.D
 Acq On : 26 Nov 2024 17:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/27/2024
 Supervised By :Mahesh Dadoda 11/27/2024

Quant Time: Nov 27 01:45:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	146381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	250373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	218908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	104364	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	90833	54.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.020%
35) Dibromofluoromethane	7.634	113	80370	50.060	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.120%
50) Toluene-d8	10.103	98	306899	48.527	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.060%
62) 4-Bromofluorobenzene	12.402	95	105637	51.960	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	103.920%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	72905	51.310	ug/l	96
3) Chloromethane	2.068	50	77868	41.003	ug/l	97
4) Vinyl Chloride	2.208	62	74389	38.163	ug/l	96
5) Bromomethane	2.599	94	44159	45.360	ug/l	97
6) Chloroethane	2.739	64	46677	41.049	ug/l	100
7) Trichlorofluoromethane	3.062	101	131494	48.544	ug/l	100
8) Diethyl Ether	3.452	74	47009	55.003	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.818	101	73499	45.562	ug/l	98
10) Methyl Iodide	4.007	142	101182	46.826	ug/l	92
11) Tert butyl alcohol	4.866	59	34584	285.967	ug/l	99
12) 1,1-Dichloroethene	3.793	96	75912	47.539	ug/l	98
14) Allyl chloride	4.385	41	131787	42.679	ug/l	95
15) Acrylonitrile	5.061	53	104397	276.326	ug/l	98
16) Acetone	3.873	43	78884	195.662	ug/l	100
17) Carbon Disulfide	4.110	76	247912	46.082	ug/l	99
18) Methyl Acetate	4.385	43	105182	111.922	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	237956	57.364	ug/l	97
20) Methylene Chloride	4.616	84	89888	52.649	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	89095	50.235	ug/l	98
22) Diisopropyl ether	6.019	45	301226	49.501	ug/l	98
23) Vinyl Acetate	5.964	43	490278m	144.171	ug/l	
24) 1,1-Dichloroethane	5.921	63	173939	50.633	ug/l	99
25) 2-Butanone	6.890	43	133001	256.249	ug/l	97
26) 2,2-Dichloropropane	6.884	77	74593	26.271	ug/l	97
27) cis-1,2-Dichloroethene	6.897	96	106207	54.369	ug/l	92
28) Bromochloromethane	7.250	49	64391	44.535	ug/l	93
29) Tetrahydrofuran	7.268	42	90710	292.413	ug/l	99
30) Chloroform	7.421	83	178915	53.933	ug/l	97
31) Cyclohexane	7.701	56	134572	42.926	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	158820	54.525	ug/l	97
36) 1,1-Dichloropropene	7.835	75	121405	49.510	ug/l	100
37) Ethyl Acetate	6.988	43	54953	48.921	ug/l	97
38) Carbon Tetrachloride	7.817	117	142712	55.741	ug/l	100
39) Methylcyclohexane	9.110	83	145935	47.554	ug/l	98
40) Benzene	8.079	78	383580	53.378	ug/l	98
41) Methacrylonitrile	7.220	41	36895	57.725	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.159	62	113423	58.475	ug/l	98
43) Isopropyl Acetate	8.195	43	119082	54.513	ug/l	98
44) Trichloroethene	8.866	130	95017	55.807	ug/l	100
45) 1,2-Dichloropropane	9.140	63	90492	52.780	ug/l	99
46) Dibromomethane	9.231	93	50315	57.257	ug/l	99
47) Bromodichloromethane	9.420	83	135771	55.969	ug/l	99
48) Methyl methacrylate	9.219	41	60906	58.317	ug/l	97
49) 1,4-Dioxane	9.231	88	10897	1205.322	ug/l	93
51) 4-Methyl-2-Pentanone	10.000	43	320589	289.186	ug/l	100
52) Toluene	10.170	92	239305	54.483	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	103337	45.047	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	120751	45.983	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	64864	55.608	ug/l	98
56) Ethyl methacrylate	10.439	69	97414	55.608	ug/l	96
57) 1,3-Dichloropropane	10.713	76	118409	56.484	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	226966	273.242	ug/l	97
59) 2-Hexanone	10.762	43	209233	266.539	ug/l	96
60) Dibromochloromethane	10.908	129	89553	59.562	ug/l	98
61) 1,2-Dibromoethane	11.012	107	61039	56.470	ug/l	99
64) Tetrachloroethene	10.646	164	124015	78.591	ug/l	97
65) Chlorobenzene	11.438	112	254991	52.243	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	91196	55.931	ug/l	98
67) Ethyl Benzene	11.518	91	460069	51.093	ug/l	100
68) m/p-Xylenes	11.627	106	341607	105.322	ug/l	99
69) o-Xylene	11.957	106	164387	53.436	ug/l	98
70) Styrene	11.969	104	281422	55.060	ug/l	99
71) Bromoform	12.133	173	53024	62.398	ug/l #	99
73) Isopropylbenzene	12.255	105	431089	48.761	ug/l	100
74) N-amyl acetate	12.066	43	82852	38.780	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	70811	49.558	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	54479m	55.384	ug/l	
77) Bromobenzene	12.530	156	96222	51.948	ug/l	97
78) n-propylbenzene	12.597	91	508736	47.948	ug/l	99
79) 2-Chlorotoluene	12.682	91	301797	49.471	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	357938	50.096	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	15970	31.812	ug/l	98
82) 4-Chlorotoluene	12.780	91	306533	48.687	ug/l	99
83) tert-Butylbenzene	12.999	119	311654	49.428	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	360006	50.822	ug/l	98
85) sec-Butylbenzene	13.176	105	443238	44.590	ug/l	99
86) p-Isopropyltoluene	13.292	119	360836	46.950	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	187334	50.020	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	182940	51.124	ug/l	99
89) n-Butylbenzene	13.621	91	337967	45.919	ug/l	99
90) Hexachloroethane	13.883	117	73996	49.883	ug/l	93
91) 1,2-Dichlorobenzene	13.658	146	167147	53.565	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	12986	55.387	ug/l	98
93) 1,2,4-Trichlorobenzene	14.926	180	101615	53.858	ug/l	100
94) Hexachlorobutadiene	15.023	225	60480	52.515	ug/l	98
95) Naphthalene	15.145	128	196593	60.503	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	88568	54.902	ug/l	100

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

