

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121124\
 Data File : VY020588.D
 Acq On : 11 Dec 2024 17:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 11 22:14:42 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	168101	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	274865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	236066	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	117128	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	90600	52.994	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.980%
35) Dibromofluoromethane	7.634	113	90693	52.411	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.820%
50) Toluene-d8	10.103	98	327855	49.757	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.520%
62) 4-Bromofluorobenzene	12.408	95	118416	51.384	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	102.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	77813	47.455	ug/l	98
3) Chloromethane	2.074	50	91178	54.919	ug/l	100
4) Vinyl Chloride	2.208	62	91093	53.814	ug/l	98
5) Bromomethane	2.598	94	54904	55.280	ug/l	99
6) Chloroethane	2.732	64	57523	55.444	ug/l	95
7) Trichlorofluoromethane	3.062	101	152713	48.169	ug/l	97
8) Diethyl Ether	3.458	74	49355	54.945	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.818	101	93941	50.855	ug/l	97
10) Methyl Iodide	4.007	142	110760	53.411	ug/l	99
11) Tert butyl alcohol	4.866	59	32890	296.570	ug/l	99
12) 1,1-Dichloroethene	3.787	96	88700	50.831	ug/l	94
13) Acrolein	3.653	56	16224	156.250	ug/l	96
14) Allyl chloride	4.385	41	165460	53.163	ug/l	94
15) Acrylonitrile	5.061	53	112055	299.395	ug/l	99
16) Acetone	3.866	43	114704	269.833	ug/l	98
17) Carbon Disulfide	4.110	76	254442	50.946	ug/l	100
18) Methyl Acetate	4.385	43	58383	64.619	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	245552	55.101	ug/l	100
20) Methylene Chloride	4.616	84	100245	55.435	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	100387	51.794	ug/l	96
22) Diisopropyl ether	6.018	45	348813	56.361	ug/l	99
23) Vinyl Acetate	5.964	43	948685	289.809	ug/l	100
24) 1,1-Dichloroethane	5.915	63	199892	53.649	ug/l	99
25) 2-Butanone	6.890	43	152316	283.758	ug/l	98
26) 2,2-Dichloropropane	6.884	77	167556	47.546	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	121273	53.585	ug/l	96
28) Bromochloromethane	7.244	49	80042	57.527	ug/l	94
29) Tetrahydrofuran	7.268	42	92243	301.224	ug/l	99
30) Chloroform	7.421	83	200784	52.507	ug/l	97
31) Cyclohexane	7.701	56	160576	47.671	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	179970	48.877	ug/l	96
36) 1,1-Dichloropropene	7.835	75	140244	47.993	ug/l	99
37) Ethyl Acetate	6.982	43	65146	56.273	ug/l	99
38) Carbon Tetrachloride	7.817	117	160228	45.942	ug/l	98
39) Methylcyclohexane	9.109	83	171359	47.257	ug/l	97
40) Benzene	8.079	78	429870	49.894	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	35120	53.364	ug/l	96
42) 1,2-Dichloroethane	8.158	62	117344	51.834	ug/l	100
43) Isopropyl Acetate	8.195	43	130790	55.948	ug/l	99
44) Trichloroethene	8.865	130	103982	48.957	ug/l	97
45) 1,2-Dichloropropane	9.140	63	103692	51.431	ug/l	97
46) Dibromomethane	9.231	93	53690	53.785	ug/l	96
47) Bromodichloromethane	9.420	83	151897	51.647	ug/l	98
48) Methyl methacrylate	9.219	41	62569	57.397	ug/l	96
49) 1,4-Dioxane	9.231	88	11496	1204.819	ug/l #	96
51) 4-Methyl-2-Pentanone	9.999	43	328097	284.197	ug/l	99
52) Toluene	10.170	92	266915	49.654	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	138860	52.590	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	163108	52.270	ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	72610	54.528	ug/l	98
56) Ethyl methacrylate	10.438	69	105430	55.957	ug/l	95
57) 1,3-Dichloropropane	10.719	76	129973	54.507	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	238257	270.081	ug/l	98
59) 2-Hexanone	10.761	43	226189	271.585	ug/l	97
60) Dibromochloromethane	10.908	129	99113	53.461	ug/l	99
61) 1,2-Dibromoethane	11.011	107	65966	54.171	ug/l	99
64) Tetrachloroethene	10.646	164	93769	47.009	ug/l	96
65) Chlorobenzene	11.444	112	288060	48.683	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	103508	49.326	ug/l	99
67) Ethyl Benzene	11.517	91	524390	47.280	ug/l	99
68) m/p-Xylenes	11.627	106	385343	94.882	ug/l	99
69) o-Xylene	11.956	106	186211	48.941	ug/l	99
70) Styrene	11.969	104	314118	49.485	ug/l	100
71) Bromoform	12.133	173	56650	53.097	ug/l #	98
73) Isopropylbenzene	12.255	105	496472	43.809	ug/l	98
74) N-ethyl acetate	12.072	43	113351	51.031	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	82043	50.341	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	61376m	51.440	ug/l	
77) Bromobenzene	12.536	156	109738	46.759	ug/l	97
78) n-propylbenzene	12.597	91	599688	44.694	ug/l	99
79) 2-Chlorotoluene	12.682	91	341188	45.064	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	407231	44.841	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	28667	49.298	ug/l	95
82) 4-Chlorotoluene	12.779	91	348843	45.150	ug/l	100
83) tert-Butylbenzene	12.999	119	368550	44.886	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	404543	45.829	ug/l	99
85) sec-Butylbenzene	13.176	105	534557	45.428	ug/l	99
86) p-Isopropyltoluene	13.292	119	442679	45.525	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	211482	46.725	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	208057	46.955	ug/l	100
89) n-Butylbenzene	13.621	91	415753	46.099	ug/l	99
90) Hexachloroethane	13.883	117	87890	46.379	ug/l	95
91) 1,2-Dichlorobenzene	13.663	146	186068	48.476	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	12682	51.402	ug/l	99
93) 1,2,4-Trichlorobenzene	14.925	180	110434	51.167	ug/l	100
94) Hexachlorobutadiene	15.029	225	72881	48.268	ug/l	99
95) Naphthalene	15.151	128	192599	55.144	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	93694	53.799	ug/l	99

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

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