

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020399.D
 Acq On : 21 Nov 2024 20:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 22 00:30:14 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

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	171446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	301235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	259215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	122298	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	104623	53.116	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.240%
35) Dibromofluoromethane	7.634	113	94188	48.762	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.520%
50) Toluene-d8	10.109	98	367623	48.314	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.620%
62) 4-Bromofluorobenzene	12.407	95	127607	52.169	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	104.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	89530	53.799	ug/l	94
3) Chloromethane	2.074	50	101152	46.031	ug/l	97
4) Vinyl Chloride	2.208	62	95707	41.921	ug/l	98
5) Bromomethane	2.598	94	58809	51.577	ug/l	99
6) Chloroethane	2.738	64	60592	45.496	ug/l	99
7) Trichlorofluoromethane	3.061	101	164298	51.787	ug/l	99
8) Diethyl Ether	3.458	74	55327	55.271	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.824	101	93029	49.237	ug/l	98
10) Methyl Iodide	4.006	142	134384	53.100	ug/l	96
11) Tert butyl alcohol	4.866	59	32206	221.318	ug/l	99
12) 1,1-Dichloroethene	3.793	96	97098	51.917	ug/l	98
13) Acrolein	3.653	56	30770	252.281	ug/l	99
14) Allyl chloride	4.384	41	177316	49.028	ug/l	95
15) Acrylonitrile	5.061	53	116300	262.828	ug/l	99
16) Acetone	3.872	43	87439	185.174	ug/l	100
17) Carbon Disulfide	4.110	76	308801	49.008	ug/l	99
18) Methyl Acetate	4.391	43	62102	56.420	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	272131	56.012	ug/l	98
20) Methylene Chloride	4.622	84	111175	55.597	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	110559	53.224	ug/l	98
22) Diisopropyl ether	6.024	45	371225	52.086	ug/l	99
23) Vinyl Acetate	5.963	43	942998	236.758	ug/l	99
24) 1,1-Dichloroethane	5.921	63	213872	53.155	ug/l	99
25) 2-Butanone	6.896	43	144716	238.057	ug/l	99
26) 2,2-Dichloropropane	6.890	77	138568	41.668	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	131451	57.454	ug/l	95
28) Bromochloromethane	7.244	49	79125	46.725	ug/l	95
29) Tetrahydrofuran	7.262	42	95858	263.832	ug/l	99
30) Chloroform	7.427	83	216843	55.810	ug/l	98
31) Cyclohexane	7.707	56	169789	46.241	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	190601	55.869	ug/l	97
36) 1,1-Dichloropropene	7.841	75	149192	50.569	ug/l	100
37) Ethyl Acetate	6.988	43	69458	51.393	ug/l	98
38) Carbon Tetrachloride	7.823	117	170241	55.266	ug/l	100
39) Methylcyclohexane	9.109	83	178060	48.225	ug/l	99
40) Benzene	8.079	78	470276	54.393	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	34587	44.977	ug/l #	90
42) 1,2-Dichloroethane	8.158	62	131357	56.286	ug/l	99
43) Isopropyl Acetate	8.201	43	138595	52.733	ug/l #	90
44) Trichloroethene	8.865	130	112313	54.827	ug/l	99
45) 1,2-Dichloropropane	9.140	63	112347	54.463	ug/l	99
46) Dibromomethane	9.231	93	58876	55.687	ug/l	99
47) Bromodichloromethane	9.420	83	161444	55.315	ug/l	99
48) Methyl methacrylate	9.219	41	65784	52.352	ug/l	96
49) 1,4-Dioxane	9.231	88	11727	1078.115	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	343078	257.219	ug/l	98
52) Toluene	10.170	92	289447	54.773	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	142053	51.469	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	169967	53.796	ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	75853	54.049	ug/l	98
56) Ethyl methacrylate	10.438	69	113916	54.049	ug/l	95
57) 1,3-Dichloropropane	10.719	76	139809	55.432	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	273690	273.860	ug/l	97
59) 2-Hexanone	10.761	43	228430	241.861	ug/l	97
60) Dibromochloromethane	10.914	129	104764	57.914	ug/l	99
61) 1,2-Dibromoethane	11.017	107	69742	53.628	ug/l	100
64) Tetrachloroethene	10.645	164	116987	62.609	ug/l	98
65) Chlorobenzene	11.444	112	307092	53.134	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	107838	55.853	ug/l	99
67) Ethyl Benzene	11.517	91	557240	52.261	ug/l	99
68) m/p-Xylenes	11.627	106	409770	106.693	ug/l	97
69) o-Xylene	11.956	106	197769	54.291	ug/l	98
70) Styrene	11.968	104	338228	55.884	ug/l	98
71) Bromoform	12.133	173	57089	56.735	ug/l #	99
73) Isopropylbenzene	12.255	105	512990	49.516	ug/l	99
74) N-amyl acetate	12.072	43	120836	48.265	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	82246	49.120	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	61726m	53.549	ug/l	
77) Bromobenzene	12.535	156	116126	53.501	ug/l	98
78) n-propylbenzene	12.596	91	601938	48.413	ug/l	99
79) 2-Chlorotoluene	12.682	91	358375	50.131	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	420827	50.261	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	25482	43.317	ug/l	99
82) 4-Chlorotoluene	12.779	91	369322	50.058	ug/l	98
83) tert-Butylbenzene	12.999	119	367437	49.729	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	419983	50.595	ug/l	99
85) sec-Butylbenzene	13.176	105	523207	44.917	ug/l	100
86) p-Isopropyltoluene	13.291	119	439538	48.804	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	216043	49.226	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	214667	51.193	ug/l	99
89) n-Butylbenzene	13.621	91	406575	47.141	ug/l	99
90) Hexachloroethane	13.883	117	85226	49.029	ug/l	95
91) 1,2-Dichlorobenzene	13.663	146	189989	51.957	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	13276	48.320	ug/l	99
93) 1,2,4-Trichlorobenzene	14.925	180	113934	51.532	ug/l	99
94) Hexachlorobutadiene	15.029	225	70811	52.469	ug/l	99
95) Naphthalene	15.151	128	208500	54.758	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	96946	51.283	ug/l	98

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

