

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120224\
 Data File : VY020476.D
 Acq On : 02 Dec 2024 10:46
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 02 14:35:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 02 14:33:38 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 12/03/2024
 Supervised By :Mahesh Dadoda 12/03/2024

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	151260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	236181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	195042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	90523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	148454	96.503	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 193.000%#			
35) Dibromofluoromethane	7.646	113	145422	97.804	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 195.600%#			
50) Toluene-d8	10.115	98	558704	98.680	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 197.360%#			
62) 4-Bromofluorobenzene	12.414	95	190150	96.027	ug/l	0.01
Spiked Amount 50.000	Range 29 - 146		Recovery = 192.060%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.873	85	154118	104.455	ug/l	99
3) Chloromethane	2.074	50	150451	100.819	ug/l	99
4) Vinyl Chloride	2.214	62	154441	101.396	ug/l	98
5) Bromomethane	2.610	94	90117	100.837	ug/l	97
6) Chloroethane	2.745	64	93309	99.950	ug/l	99
7) Trichlorofluoromethane	3.074	101	281034	98.514	ug/l	99
8) Diethyl Ether	3.464	74	76699	94.892	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.836	101	156171	93.955	ug/l	97
10) Methyl Iodide	4.019	142	194378	104.170	ug/l	94
11) Tert butyl alcohol	4.884	59	41546	416.331	ug/l	100
12) 1,1-Dichloroethene	3.805	96	154710	98.530	ug/l	97
13) Acrolein	3.665	56	40267	430.982	ug/l	98
14) Allyl chloride	4.397	41	272701	97.376	ug/l	96
15) Acrylonitrile	5.080	53	157558	467.842	ug/l	99
16) Acetone	3.885	43	190011	496.754	ug/l	98
17) Carbon Disulfide	4.122	76	480272	106.869	ug/l	99
18) Methyl Acetate	4.397	43	74926	92.162	ug/l	98
19) Methyl tert-butyl Ether	5.134	73	385115	96.040	ug/l	98
20) Methylene Chloride	4.628	84	158563	97.448	ug/l	94
21) trans-1,2-Dichloroethene	5.134	96	170701	97.878	ug/l	97
22) Diisopropyl ether	6.031	45	526877	94.612	ug/l	99
23) Vinyl Acetate	5.976	43	1430974	485.812	ug/l	99
24) 1,1-Dichloroethane	5.933	63	319948	95.431	ug/l	98
25) 2-Butanone	6.908	43	228851	473.807	ug/l	98
26) 2,2-Dichloropropane	6.902	77	301229	94.994	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	195931	96.212	ug/l	98
28) Bromochloromethane	7.256	49	126767	101.252	ug/l	94
29) Tetrahydrofuran	7.280	42	125683	456.120	ug/l	97
30) Chloroform	7.433	83	328137	95.364	ug/l	99
31) Cyclohexane	7.713	56	287101	94.723	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	319071	96.302	ug/l	97
36) 1,1-Dichloropropene	7.847	75	243688	97.052	ug/l	100
37) Ethyl Acetate	6.994	43	91608	92.091	ug/l	98
38) Carbon Tetrachloride	7.829	117	292195	97.504	ug/l	97
39) Methylcyclohexane	9.115	83	319391	102.509	ug/l	98
40) Benzene	8.091	78	723254	97.696	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	49734	46.059	ug/l	94
42) 1,2-Dichloroethane	8.170	62	187426	96.351	ug/l	100
43) Isopropyl Acetate	8.207	43	191878	95.523	ug/l	97
44) Trichloroethene	8.872	130	179226	98.205	ug/l	97
45) 1,2-Dichloropropane	9.152	63	164435	94.918	ug/l	100
46) Dibromomethane	9.237	93	83985	97.914	ug/l	100
47) Bromodichloromethane	9.432	83	243087	96.191	ug/l	98
48) Methyl methacrylate	9.231	41	93934	100.284	ug/l	96
49) 1,4-Dioxane	9.243	88	14343	1749.402	ug/l #	94
51) 4-Methyl-2-Pentanone	10.005	43	470709	474.508	ug/l	98
52) Toluene	10.176	92	454998	98.507	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	225351	99.326	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	265874	99.158	ug/l	96
55) 1,1,2-Trichloroethane	10.579	97	109337	95.558	ug/l	97
56) Ethyl methacrylate	10.444	69	163015	100.691	ug/l	95
57) 1,3-Dichloropropane	10.725	76	196790	96.046	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	393826	519.549	ug/l	97
59) 2-Hexanone	10.768	43	351914	491.752	ug/l	96
60) Dibromochloromethane	10.920	129	152698	95.855	ug/l	99
61) 1,2-Dibromoethane	11.024	107	100399	95.952	ug/l	100
64) Tetrachloroethene	10.652	164	159049	96.507	ug/l	96
65) Chlorobenzene	11.450	112	473220	96.796	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.523	131	165815	95.637	ug/l	97
67) Ethyl Benzene	11.523	91	893771	97.534	ug/l	98
68) m/p-Xylenes	11.633	106	654704	195.114	ug/l	98
69) o-Xylene	11.962	106	304306	96.803	ug/l	97
70) Styrene	11.975	104	511460	97.521	ug/l	99
71) Bromoform	12.139	173	83139	94.315	ug/l #	99
73) Isopropylbenzene	12.261	105	844476	96.417	ug/l	99
74) N-amyl acetate	12.078	43	169008	98.451	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	116644	92.607	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	86316m	50.490	ug/l	
77) Bromobenzene	12.536	156	173574	95.696	ug/l	96
78) n-propylbenzene	12.603	91	1000072	96.440	ug/l	99
79) 2-Chlorotoluene	12.688	91	558791	95.496	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	673528	95.960	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	42708	95.029	ug/l	96
82) 4-Chlorotoluene	12.785	91	568413	95.190	ug/l	99
83) tert-Butylbenzene	13.005	119	615819	97.044	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	655272	96.051	ug/l	99
85) sec-Butylbenzene	13.182	105	875087	96.224	ug/l	99
86) p-Isopropyltoluene	13.298	119	732232	97.434	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	334964	95.758	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	325321	94.999	ug/l	100
89) n-Butylbenzene	13.621	91	690947	99.130	ug/l	99
90) Hexachloroethane	13.889	117	143280	97.829	ug/l	95
91) 1,2-Dichlorobenzene	13.663	146	280330	94.500	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	17886	93.801	ug/l	99
93) 1,2,4-Trichlorobenzene	14.931	180	174724	104.747	ug/l	99
94) Hexachlorobutadiene	15.029	225	120502	103.263	ug/l	99
95) Naphthalene	15.151	128	286320	106.072	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	141515	105.140	ug/l	99

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

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