

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111924\
 Data File : VY020339.D
 Acq On : 19 Nov 2024 16:12
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/20/2024
 Supervised By :Mahesh Dadoda 11/20/2024

Quant Time: Nov 20 00:58:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 00:48:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	244176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	390316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	319281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	146946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	25534	9.102	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	18.200%#		
35) Dibromofluoromethane	7.634	113	27064	10.813	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	21.620%#		
50) Toluene-d8	10.103	98	92555	9.388	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	18.780%#		
62) 4-Bromofluorobenzene	12.408	95	29715	9.376	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	18.760%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	21870	9.227	ug/l	97
3) Chloromethane	2.068	50	38473	8.570	ug/l	98
4) Vinyl Chloride	2.208	62	35263	10.845	ug/l	94
5) Bromomethane	2.598	94	19085	11.753	ug/l	95
6) Chloroethane	2.739	64	18368	9.684	ug/l	99
7) Trichlorofluoromethane	3.062	101	42149	9.328	ug/l	99
8) Diethyl Ether	3.458	74	12779	8.964	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	24798	9.215	ug/l	99
10) Methyl Iodide	4.007	142	32100	8.906	ug/l	96
11) Tert butyl alcohol	4.884	59	10698	47.785	ug/l #	73
12) 1,1-Dichloroethene	3.793	96	24035	9.023	ug/l	98
13) Acrolein	3.659	56	7635	43.953	ug/l	96
14) Allyl chloride	4.385	41	47740	9.268	ug/l	93
15) Acrylonitrile	5.067	53	28314	44.928	ug/l	100
16) Acetone	3.872	43	26883	39.974	ug/l	93
17) Carbon Disulfide	4.110	76	79822	8.895	ug/l	99
18) Methyl Acetate	4.397	43	13811	8.810	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	63324	9.152	ug/l	99
20) Methylene Chloride	4.616	84	26668	9.364	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	27492	9.293	ug/l	91
22) Diisopropyl ether	6.018	45	99254	9.778	ug/l	96
23) Vinyl Acetate	5.964	43	270395	47.667	ug/l	98
24) 1,1-Dichloroethane	5.915	63	55718	9.723	ug/l	98
25) 2-Butanone	6.896	43	42909	49.561	ug/l	97
26) 2,2-Dichloropropane	6.884	77	47901	10.114	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	32422	9.950	ug/l	95
28) Bromochloromethane	7.244	49	27023	11.205	ug/l	94
29) Tetrahydrofuran	7.262	42	26874	51.935	ug/l	94
30) Chloroform	7.421	83	56708	10.248	ug/l	93
31) Cyclohexane	7.701	56	54063	10.338	ug/l #	91
32) 1,1,1-Trichloroethane	7.622	97	50897	10.475	ug/l	100
36) 1,1-Dichloropropene	7.835	75	37302	9.758	ug/l	98
37) Ethyl Acetate	6.982	43	19056	10.691	ug/l	100
38) Carbon Tetrachloride	7.817	117	38996	9.770	ug/l	97
39) Methylcyclohexane	9.103	83	45833	9.580	ug/l	99
40) Benzene	8.079	78	107451	9.592	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	10243	10.280	ug/l	99
42) 1,2-Dichloroethane	8.158	62	29009	9.593	ug/l	99
43) Isopropyl Acetate	8.201	43	30398	8.926	ug/l #	88
44) Trichloroethene	8.865	130	25870	9.747	ug/l	98
45) 1,2-Dichloropropane	9.140	63	25874	9.680	ug/l	98
46) Dibromomethane	9.231	93	13498	9.853	ug/l	99
47) Bromodichloromethane	9.420	83	35727	9.447	ug/l	99
48) Methyl methacrylate	9.219	41	14343	8.809	ug/l	97
49) 1,4-Dioxane	9.237	88	2821	200.157	ug/l	99
51) 4-Methyl-2-Pentanone	9.999	43	74041	42.842	ug/l	100
52) Toluene	10.170	92	65234	9.527	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	31288	8.749	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	38511	9.407	ug/l	95
55) 1,1,2-Trichloroethane	10.566	97	17413	9.576	ug/l	97
56) Ethyl methacrylate	10.438	69	23973	8.778	ug/l	99
57) 1,3-Dichloropropane	10.713	76	30481	9.327	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	63051	48.691	ug/l	100
59) 2-Hexanone	10.761	43	52821	43.163	ug/l	100
60) Dibromochloromethane	10.914	129	21348	9.108	ug/l	96
61) 1,2-Dibromoethane	11.011	107	15582	9.247	ug/l	99
64) Tetrachloroethene	10.646	164	21998	9.558	ug/l	99
65) Chlorobenzene	11.438	112	68874	9.675	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	22433	9.433	ug/l	99
67) Ethyl Benzene	11.517	91	126010	9.595	ug/l	97
68) m/p-Xylenes	11.627	106	92641	19.583	ug/l	99
69) o-Xylene	11.950	106	44303	9.874	ug/l	100
70) Styrene	11.969	104	72003	9.659	ug/l	99
71) Bromoform	12.133	173	11513	9.289	ug/l #	98
73) Isopropylbenzene	12.255	105	118383	9.510	ug/l	99
74) N-amyl acetate	12.066	43	25808	8.579	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	18981	9.435	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	13381m	9.631	ug/l	
77) Bromobenzene	12.529	156	24689	9.467	ug/l	99
78) n-propylbenzene	12.596	91	142756	9.556	ug/l	100
79) 2-Chlorotoluene	12.676	91	78983	9.195	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	92937	9.238	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	6286	8.893	ug/l	99
82) 4-Chlorotoluene	12.779	91	82594	9.317	ug/l	99
83) tert-Butylbenzene	12.999	119	85832	9.668	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	99218	9.948	ug/l	99
85) sec-Butylbenzene	13.176	105	124529	8.898	ug/l	100
86) p-Isopropyltoluene	13.291	119	98901	9.139	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	49013	9.295	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	48510	9.628	ug/l	98
89) n-Butylbenzene	13.621	91	97403	9.399	ug/l	99
90) Hexachloroethane	13.883	117	19103	9.146	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	41163	9.369	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	2892	8.760	ug/l	100
93) 1,2,4-Trichlorobenzene	14.925	180	24704	9.299	ug/l	99
94) Hexachlorobutadiene	15.029	225	15256	9.408	ug/l	98
95) Naphthalene	15.145	128	40980	8.957	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	23029	10.139	ug/l	99

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

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