

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111924\
 Data File : VY020338.D
 Acq On : 19 Nov 2024 15:49
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Nov 20 04:33:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:33:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	227223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	374127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	306982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	140473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	13832	5.299	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.600%#		
35) Dibromofluoromethane	7.634	113	12960	5.402	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.800%#		
50) Toluene-d8	10.109	98	52284	5.533	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	11.060%#		
62) 4-Bromofluorobenzene	12.408	95	17179	5.655	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	11.300%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	13013	5.900	ug/l	93
3) Chloromethane	2.068	50	22477	3.541	ug/l	98
4) Vinyl Chloride	2.208	62	18543	6.128	ug/l	99
5) Bromomethane	2.605	94	9432	6.242	ug/l	98
6) Chloroethane	2.745	64	12063	6.834	ug/l	94
7) Trichlorofluoromethane	3.068	101	25672	6.106	ug/l	97
8) Diethyl Ether	3.452	74	7250	5.465	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.818	101	15136	6.045	ug/l	99
10) Methyl Iodide	4.013	142	19213	5.728	ug/l	98
11) Tert butyl alcohol	4.860	59	7536m	35.866	ug/l	
12) 1,1-Dichloroethene	3.800	96	14708	5.934	ug/l	94
13) Acrolein	3.659	56	4362	26.985	ug/l	95
14) Allyl chloride	4.391	41	29279	6.108	ug/l	93
15) Acrylonitrile	5.061	53	16245	27.700	ug/l	97
16) Acetone	3.867	43	18219	29.112	ug/l	92
17) Carbon Disulfide	4.110	76	49286	5.902	ug/l	99
18) Methyl Acetate	4.397	43	8805	6.036	ug/l	94
19) Methyl tert-butyl Ether	5.122	73	35762	5.554	ug/l	100
20) Methylene Chloride	4.623	84	15740	5.939	ug/l	93
21) trans-1,2-Dichloroethene	5.116	96	16393	5.955	ug/l	93
22) Diisopropyl ether	6.019	45	58191	6.160	ug/l	98
23) Vinyl Acetate	5.964	43	152663	28.920	ug/l	98
24) 1,1-Dichloroethane	5.921	63	33199	6.226	ug/l	98
25) 2-Butanone	6.890	43	20288	25.181	ug/l	96
26) 2,2-Dichloropropane	6.890	77	25115	5.698	ug/l	99
27) cis-1,2-Dichloroethene	6.897	96	16128	5.319	ug/l	92
28) Bromochloromethane	7.244	49	12131	5.405	ug/l	99
29) Tetrahydrofuran	7.262	42	11283	23.431	ug/l	96
30) Chloroform	7.421	83	27219	5.286	ug/l	100
31) Cyclohexane	7.707	56	29956	6.156	ug/l #	79
32) 1,1,1-Trichloroethane	7.622	97	24268	5.367	ug/l	98
36) 1,1-Dichloropropene	7.835	75	21801	5.950	ug/l	98
37) Ethyl Acetate	6.988	43	7806	4.569	ug/l #	79
38) Carbon Tetrachloride	7.823	117	21497	5.619	ug/l	93
39) Methylcyclohexane	9.110	83	26014	5.673	ug/l	93
40) Benzene	8.079	78	61067	5.687	ug/l	100

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41) Methacrylonitrile	7.226	41	5114	5.355	ug/l	92
42) 1,2-Dichloroethane	8.165	62	15552	5.366	ug/l	98
43) Isopropyl Acetate	8.195	43	16024	4.909	ug/l #	87
44) Trichloroethene	8.866	130	14519	5.707	ug/l	93
45) 1,2-Dichloropropane	9.140	63	13999	5.464	ug/l	94
46) Dibromomethane	9.231	93	6930	5.278	ug/l	97
47) Bromodichloromethane	9.420	83	19627	5.415	ug/l	95
48) Methyl methacrylate	9.225	41	7791	4.992	ug/l	94
49) 1,4-Dioxane	9.238	88	1421	105.186	ug/l #	86
51) 4-Methyl-2-Pentanone	10.000	43	39329	23.742	ug/l	99
52) Toluene	10.170	92	36298	5.530	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	19995	5.833	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	20222	5.153	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	9364	5.372	ug/l	94
56) Ethyl methacrylate	10.439	69	14134	5.399	ug/l	97
57) 1,3-Dichloropropane	10.719	76	16257	5.190	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	33342	26.863	ug/l	98
59) 2-Hexanone	10.762	43	26616	22.690	ug/l	99
60) Dibromochloromethane	10.908	129	11937	5.313	ug/l	95
61) 1,2-Dibromoethane	11.018	107	9249	5.726	ug/l	98
64) Tetrachloroethene	10.646	164	12352	5.582	ug/l	95
65) Chlorobenzene	11.444	112	38618	5.642	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	13130	5.742	ug/l	95
67) Ethyl Benzene	11.518	91	71195	5.638	ug/l	100
68) m/p-Xylenes	11.627	106	50872	11.185	ug/l	97
69) o-Xylene	11.957	106	23650	5.482	ug/l	99
70) Styrene	11.969	104	38724	5.403	ug/l	99
71) Bromoform	12.133	173	6352	5.330	ug/l #	96
73) Isopropylbenzene	12.255	105	68143	5.726	ug/l	99
74) N-amyl acetate	12.072	43	12902	4.487	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	10246	5.328	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	5823m	4.398	ug/l	
77) Bromobenzene	12.536	156	13674	5.485	ug/l	99
78) n-propylbenzene	12.597	91	78696	5.511	ug/l	100
79) 2-Chlorotoluene	12.682	91	44055	5.365	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	50883	5.291	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	3305	4.891	ug/l	97
82) 4-Chlorotoluene	12.780	91	46376	5.473	ug/l	97
83) tert-Butylbenzene	12.999	119	45414	5.351	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	50575	5.304	ug/l	100
85) sec-Butylbenzene	13.176	105	81980	6.127	ug/l	98
86) p-Isopropyltoluene	13.292	119	56716	5.483	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	29101	5.773	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	27229	5.653	ug/l	93
89) n-Butylbenzene	13.621	91	54128	5.464	ug/l	99
90) Hexachloroethane	13.883	117	10618	5.318	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	22894	5.451	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1828	5.792	ug/l	94
93) 1,2,4-Trichlorobenzene	14.926	180	13686	5.389	ug/l	97
94) Hexachlorobutadiene	15.029	225	8471	5.465	ug/l	100
95) Naphthalene	15.151	128	20303	4.642	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	11474	5.284	ug/l	98

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

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