

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120224\
 Data File : VY020473.D
 Acq On : 02 Dec 2024 09:38
 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 12/03/2024
 Supervised By :Mahesh Dadoda 12/03/2024

Quant Time: Dec 02 14:34:53 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

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	175495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	274921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	220557	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.353	152	103569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	16546	9.270	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery =	18.540%#		
35) Dibromofluoromethane	7.646	113	16277	9.405	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	18.800%#		
50) Toluene-d8	10.115	98	61981	9.405	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	18.800%#		
62) 4-Bromofluorobenzene	12.414	95	21386	9.278	ug/l	0.01
Spiked Amount 50.000	Range 29 - 146		Recovery =	18.560%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	15803	9.232	ug/l	98
3) Chloromethane	2.080	50	16000	9.241	ug/l	96
4) Vinyl Chloride	2.214	62	16709	9.455	ug/l	98
5) Bromomethane	2.611	94	10012	9.656	ug/l	92
6) Chloroethane	2.751	64	10445	9.643	ug/l #	84
7) Trichlorofluoromethane	3.080	101	32266	9.749	ug/l	99
8) Diethyl Ether	3.470	74	8910	9.501	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.830	101	19224	9.968	ug/l	99
10) Methyl Iodide	4.019	142	20415	9.430	ug/l	96
11) Tert butyl alcohol	4.879	59	5946	51.356	ug/l #	87
12) 1,1-Dichloroethene	3.812	96	17719	9.726	ug/l	88
13) Acrolein	3.671	56	5375	49.585	ug/l	98
14) Allyl chloride	4.403	41	31589	9.722	ug/l	97
15) Acrylonitrile	5.068	53	18826	48.181	ug/l	97
16) Acetone	3.879	43	19514	43.971	ug/l	96
17) Carbon Disulfide	4.123	76	46707	8.958	ug/l	99
18) Methyl Acetate	4.397	43	9477	10.047	ug/l	93
19) Methyl tert-butyl Ether	5.135	73	44761	9.621	ug/l	96
20) Methylene Chloride	4.635	84	18796	9.956	ug/l	95
21) trans-1,2-Dichloroethene	5.135	96	19845	9.807	ug/l	97
22) Diisopropyl ether	6.031	45	65118	10.078	ug/l	93
23) Vinyl Acetate	5.976	43	165315	48.374	ug/l	96
24) 1,1-Dichloroethane	5.933	63	40148	10.321	ug/l	97
25) 2-Butanone	6.915	43	26163	46.687	ug/l	99
26) 2,2-Dichloropropane	6.896	77	37721	10.253	ug/l	98
27) cis-1,2-Dichloroethene	6.909	96	23752	10.053	ug/l	97
28) Bromochloromethane	7.262	49	13505	9.297	ug/l	96
29) Tetrahydrofuran	7.274	42	15581	48.737	ug/l	98
30) Chloroform	7.433	83	40856	10.234	ug/l	99
31) Cyclohexane	7.713	56	36078	10.259	ug/l #	93
32) 1,1,1-Trichloroethane	7.628	97	39303	10.224	ug/l	96
36) 1,1-Dichloropropene	7.848	75	29612	10.132	ug/l	99
37) Ethyl Acetate	7.000	43	10953	9.459	ug/l	98
38) Carbon Tetrachloride	7.829	117	35158	10.079	ug/l	98
39) Methylcyclohexane	9.122	83	35355	9.748	ug/l	96
40) Benzene	8.091	78	87302	10.131	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	6395	5.088	ug/l #	86
42) 1,2-Dichloroethane	8.165	62	22758	10.051	ug/l	100
43) Isopropyl Acetate	8.207	43	22689	9.704	ug/l #	90
44) Trichloroethene	8.878	130	21280	10.017	ug/l	98
45) 1,2-Dichloropropane	9.152	63	20396	10.114	ug/l	93
46) Dibromomethane	9.238	93	9900	9.916	ug/l	97
47) Bromodichloromethane	9.433	83	29612	10.066	ug/l	99
48) Methyl methacrylate	9.231	41	10484	9.616	ug/l	97
49) 1,4-Dioxane	9.244	88	1834	192.170	ug/l #	88
51) 4-Methyl-2-Pentanone	10.006	43	56581	49.000	ug/l	99
52) Toluene	10.176	92	54102	10.063	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	25461	9.641	ug/l	95
54) cis-1,3-Dichloropropene	9.865	75	30591	9.801	ug/l	97
55) 1,1,2-Trichloroethane	10.579	97	13858	10.405	ug/l	95
56) Ethyl methacrylate	10.445	69	18219	9.668	ug/l	94
57) 1,3-Dichloropropane	10.725	76	23954	10.044	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	34858	39.506	ug/l	99
59) 2-Hexanone	10.768	43	38387	46.082	ug/l	98
60) Dibromochloromethane	10.920	129	18450	9.950	ug/l	96
61) 1,2-Dibromoethane	11.024	107	11838	9.719	ug/l	99
64) Tetrachloroethene	10.652	164	19146	10.273	ug/l	97
65) Chlorobenzene	11.451	112	57223	10.351	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	19772	10.085	ug/l	99
67) Ethyl Benzene	11.524	91	105232	10.155	ug/l	98
68) m/p-Xylenes	11.633	106	77711	20.480	ug/l	99
69) o-Xylene	11.963	106	36779	10.346	ug/l	100
70) Styrene	11.975	104	60843	10.259	ug/l	99
71) Bromoform	12.139	173	9871	9.902	ug/l #	97
73) Isopropylbenzene	12.261	105	102233	10.202	ug/l	100
74) N-amyl acetate	12.078	43	18689	9.515	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.517	83	14431	10.014	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	11258m	5.756	ug/l	
77) Bromobenzene	12.536	156	21153	10.193	ug/l	97
78) n-propylbenzene	12.603	91	121367	10.229	ug/l	100
79) 2-Chlorotoluene	12.688	91	69228	10.341	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	81555	10.156	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.310	75	4941	9.609	ug/l	95
82) 4-Chlorotoluene	12.786	91	70869	10.373	ug/l	99
83) tert-Butylbenzene	13.005	119	73451	10.117	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	81058	10.385	ug/l	98
85) sec-Butylbenzene	13.182	105	108352	10.414	ug/l	99
86) p-Isopropyltoluene	13.298	119	87775	10.208	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	41226	10.301	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	40373	10.304	ug/l	97
89) n-Butylbenzene	13.627	91	81633	10.237	ug/l	99
90) Hexachloroethane	13.889	117	17093	10.201	ug/l	92
91) 1,2-Dichlorobenzene	13.664	146	35166	10.361	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	2188	10.029	ug/l	93
93) 1,2,4-Trichlorobenzene	14.932	180	18443	9.664	ug/l	96
94) Hexachlorobutadiene	15.035	225	13567	10.162	ug/l	97
95) Naphthalene	15.151	128	27446	8.887	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	14957	9.713	ug/l	98

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

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