

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103024\
 Data File : VY020075.D
 Acq On : 30 Oct 2024 12:39
 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 11/01/2024
 Supervised By :Mahesh Dadoda 11/01/2024

Quant Time: Oct 30 13:49:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:49:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	240434	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	437202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	367609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	154264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	14625	4.940	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	9.880%#		
35) Dibromofluoromethane	7.640	113	13333	4.621	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.240%#		
50) Toluene-d8	10.109	98	51902	4.872	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	9.740%#		
62) 4-Bromofluorobenzene	12.407	95	16208	4.210	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	8.420%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.873	85	12181	5.442	ug/l	99
3) Chloromethane	2.074	50	19992	6.863	ug/l	93
4) Vinyl Chloride	2.214	62	20836	6.500	ug/l	97
5) Bromomethane	2.604	94	15177	7.480	ug/l	88
6) Chloroethane	2.750	64	13521	6.278	ug/l	90
7) Trichlorofluoromethane	3.074	101	24633	5.164	ug/l	88
8) Diethyl Ether	3.464	74	6284	4.335	ug/l	68
9) 1,1,2-Trichlorotrifluo...	3.830	101	14348	5.171	ug/l	90
10) Methyl Iodide	4.012	142	11993	4.274	ug/l	# 89
11) Tert butyl alcohol	4.860	59	6468	23.321	ug/l	100
12) 1,1-Dichloroethene	3.805	96	12850	4.982	ug/l	84
13) Acrolein	3.665	56	6134	28.198	ug/l	94
14) Allyl chloride	4.390	41	22973	4.936	ug/l	# 88
15) Acrylonitrile	5.067	53	14108	21.276	ug/l	98
16) Acetone	3.872	43	16105	20.898	ug/l	# 79
17) Carbon Disulfide	4.116	76	43042	6.226	ug/l	# 93
18) Methyl Acetate	4.403	43	7550	4.548	ug/l	# 65
19) Methyl tert-butyl Ether	5.122	73	29558	3.989	ug/l	100
20) Methylene Chloride	4.622	84	19392	6.235	ug/l	# 73
21) trans-1,2-Dichloroethene	5.128	96	14695	5.235	ug/l	88
22) Diisopropyl ether	6.030	45	43856	4.326	ug/l	# 82
23) Vinyl Acetate	5.963	43	118065	20.316	ug/l	# 88
24) 1,1-Dichloroethane	5.927	63	27775	4.929	ug/l	94
25) 2-Butanone	6.902	43	22431	21.745	ug/l	# 84
26) 2,2-Dichloropropane	6.890	77	25086	4.999	ug/l	89
27) cis-1,2-Dichloroethene	6.890	96	15543	4.480	ug/l	72
28) Bromochloromethane	7.256	49	13763	5.549	ug/l	# 67
29) Tetrahydrofuran	7.274	42	12280	20.849	ug/l	# 83
30) Chloroform	7.433	83	27437	4.776	ug/l	88
31) Cyclohexane	7.707	56	30882	6.243	ug/l	# 88
32) 1,1,1-Trichloroethane	7.628	97	23695	4.707	ug/l	# 90
36) 1,1-Dichloropropene	7.835	75	21067	5.069	ug/l	93
37) Ethyl Acetate	6.994	43	10158m	4.687	ug/l	
38) Carbon Tetrachloride	7.823	117	20423	4.583	ug/l	94
39) Methylcyclohexane	9.115	83	26360	5.033	ug/l	89
40) Benzene	8.085	78	61822	4.915	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	3462	2.951	ug/l #	72
42) 1,2-Dichloroethane	8.158	62	16581	4.588	ug/l	93
43) Isopropyl Acetate	8.201	43	17066	3.861	ug/l #	92
44) Trichloroethene	8.871	130	14352	4.711	ug/l	94
45) 1,2-Dichloropropane	9.140	63	14120	4.485	ug/l	95
46) Dibromomethane	9.231	93	7547	4.387	ug/l #	87
47) Bromodichloromethane	9.426	83	20060	4.393	ug/l	99
48) Methyl methacrylate	9.225	41	7028	3.615	ug/l #	82
49) 1,4-Dioxane	9.231	88	1521	79.001	ug/l #	81
51) 4-Methyl-2-Pentanone	9.999	43	41560	18.434	ug/l	87
52) Toluene	10.170	92	35127	4.474	ug/l	99
53) t-1,3-Dichloropropene	10.395	75	16130	3.926	ug/l	95
54) cis-1,3-Dichloropropene	9.859	75	19506	4.024	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	8995	3.969	ug/l #	85
56) Ethyl methacrylate	10.438	69	10951	3.367	ug/l #	65
57) 1,3-Dichloropropane	10.719	76	16743	4.207	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.713	63	28850	19.057	ug/l	92
59) 2-Hexanone	10.761	43	28622	17.775	ug/l	81
60) Dibromochloromethane	10.914	129	11181	3.844	ug/l	100
61) 1,2-Dibromoethane	11.017	107	8865	4.329	ug/l	90
64) Tetrachloroethene	10.645	164	11989	4.585	ug/l	93
65) Chlorobenzene	11.444	112	37629	4.475	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.517	131	11467	4.031	ug/l	98
67) Ethyl Benzene	11.517	91	69338	4.540	ug/l	98
68) m/p-Xylenes	11.627	106	50332	8.923	ug/l	94
69) o-Xylene	11.956	106	23982	4.425	ug/l	95
70) Styrene	11.968	104	36193	3.958	ug/l	93
71) Bromoform	12.133	173	5561	3.652	ug/l #	94
73) Isopropylbenzene	12.255	105	62710	4.833	ug/l	96
74) N-amyl acetate	12.072	43	12879	3.747	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	11048	4.792	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	5970m	1.976	ug/l	
77) Bromobenzene	12.529	156	12802	4.649	ug/l	83
78) n-propylbenzene	12.596	91	77176	4.922	ug/l	96
79) 2-Chlorotoluene	12.682	91	43013	4.785	ug/l	93
80) 1,3,5-Trimethylbenzene	12.736	105	49377	4.712	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.304	75	3212	4.290	ug/l	87
82) 4-Chlorotoluene	12.779	91	42786	4.655	ug/l	96
83) tert-Butylbenzene	12.999	119	43602	4.645	ug/l	93
84) 1,2,4-Trimethylbenzene	13.041	105	47241	4.547	ug/l	97
85) sec-Butylbenzene	13.175	105	65986	4.705	ug/l	95
86) p-Isopropyltoluene	13.291	119	50842	4.464	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	25594	4.603	ug/l	96
88) 1,4-Dichlorobenzene	13.364	146	25923	4.745	ug/l	92
89) n-Butylbenzene	13.620	91	51089	4.594	ug/l	95
90) Hexachloroethane	13.883	117	10314	4.651	ug/l	83
91) 1,2-Dichlorobenzene	13.657	146	21464	4.393	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	1656	4.500	ug/l	69
93) 1,2,4-Trichlorobenzene	14.919	180	10063	3.673	ug/l	96
94) Hexachlorobutadiene	15.023	225	6221	4.084	ug/l	93
95) Naphthalene	15.145	128	17217	3.332	ug/l	99
96) 1,2,3-Trichlorobenzene	15.327	180	8911	3.848	ug/l	98

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

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