

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021044.D
 Acq On : 03 Feb 2025 20:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 04 01:00:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	150613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	236819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	211972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	109955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	79994	51.838	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.680%			
35) Dibromofluoromethane	7.634	113	74152	48.858	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.720%			
50) Toluene-d8	10.109	98	284105	49.170	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.340%			
62) 4-Bromofluorobenzene	12.408	95	98025	51.930	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	61617	45.901	ug/l	95
3) Chloromethane	2.068	50	60607	45.754	ug/l	100
4) Vinyl Chloride	2.208	62	57088	42.818	ug/l	99
5) Bromomethane	2.599	94	36480	44.269	ug/l	98
6) Chloroethane	2.739	64	34593	43.586	ug/l	95
7) Trichlorofluoromethane	3.062	101	106810	43.972	ug/l	100
8) Diethyl Ether	3.458	74	36632	48.309	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.818	101	67625	44.359	ug/l	95
10) Methyl Iodide	4.007	142	74856	44.197	ug/l	92
11) Tert butyl alcohol	4.860	59	28403	271.611	ug/l	96
12) 1,1-Dichloroethene	3.787	96	66387	46.228	ug/l	94
13) Acrolein	3.653	56	44118	273.975	ug/l	100
14) Allyl chloride	4.391	41	113039	46.705	ug/l	95
15) Acrylonitrile	5.061	53	86171	272.898	ug/l	97
16) Acetone	3.873	43	66438	276.076	ug/l	95
17) Carbon Disulfide	4.110	76	206258	45.803	ug/l	99
18) Methyl Acetate	4.385	43	47400	56.109	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	188518	51.938	ug/l	98
20) Methylene Chloride	4.616	84	72392	48.390	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	73171	46.289	ug/l	91
22) Diisopropyl ether	6.025	45	249181	49.949	ug/l	97
23) Vinyl Acetate	5.964	43	741482	266.624	ug/l	99
24) 1,1-Dichloroethane	5.921	63	138364	47.339	ug/l	98
25) 2-Butanone	6.896	43	113247	286.372	ug/l	99
26) 2,2-Dichloropropane	6.884	77	116234	42.979	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	87919	48.321	ug/l	97
28) Bromochloromethane	7.250	49	71819	62.140	ug/l	100
29) Tetrahydrofuran	7.262	42	77426	289.346	ug/l	94
30) Chloroform	7.427	83	143612	47.836	ug/l	99
31) Cyclohexane	7.701	56	114952	43.674	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	126378	45.277	ug/l	99
36) 1,1-Dichloropropene	7.835	75	101865	45.314	ug/l	99
37) Ethyl Acetate	6.988	43	54849	55.619	ug/l	99
38) Carbon Tetrachloride	7.823	117	117737	44.824	ug/l	99
39) Methylcyclohexane	9.110	83	123544	44.930	ug/l	96
40) Benzene	8.085	78	307960	46.682	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	29549	51.792	ug/l	97
42) 1,2-Dichloroethane	8.158	62	90840	49.639	ug/l	97
43) Isopropyl Acetate	8.201	43	106766	54.486	ug/l #	83
44) Trichloroethene	8.866	130	76424	44.839	ug/l	100
45) 1,2-Dichloropropane	9.140	63	73935	47.219	ug/l	98
46) Dibromomethane	9.231	93	43834	50.561	ug/l	96
47) Bromodichloromethane	9.427	83	113492	48.812	ug/l	98
48) Methyl methacrylate	9.225	41	50408	56.475	ug/l	93
49) 1,4-Dioxane	9.231	88	9480	1174.626	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	283659	287.866	ug/l	96
52) Toluene	10.170	92	197041	47.568	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	104010	49.819	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	119027	48.151	ug/l #	92
55) 1,1,2-Trichloroethane	10.573	97	57799	51.484	ug/l	97
56) Ethyl methacrylate	10.439	69	82139	54.692	ug/l	93
57) 1,3-Dichloropropane	10.719	76	100246	51.589	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	216508	303.021	ug/l	99
59) 2-Hexanone	10.762	43	190493	300.249	ug/l	96
60) Dibromochloromethane	10.914	129	78173	49.584	ug/l	100
61) 1,2-Dibromoethane	11.018	107	53994	51.347	ug/l	100
64) Tetrachloroethene	10.646	164	69395	44.100	ug/l	98
65) Chlorobenzene	11.444	112	215446	45.646	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	79305	47.281	ug/l	97
67) Ethyl Benzene	11.518	91	379921	45.509	ug/l	99
68) m/p-Xylenes	11.627	106	288053	92.233	ug/l	98
69) o-Xylene	11.957	106	137173	47.110	ug/l	98
70) Styrene	11.969	104	235472	48.521	ug/l	99
71) Bromoform	12.133	173	48221	51.649	ug/l #	98
73) Isopropylbenzene	12.255	105	363608	42.334	ug/l	99
74) N-amyl acetate	12.072	43	97254	51.791	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	67865	47.509	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	52425m	52.560	ug/l	
77) Bromobenzene	12.536	156	86065	43.422	ug/l	95
78) n-propylbenzene	12.597	91	432483	42.270	ug/l	99
79) 2-Chlorotoluene	12.682	91	250259	42.706	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	299919	43.069	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	22992	47.036	ug/l	94
82) 4-Chlorotoluene	12.780	91	255553	42.802	ug/l	100
83) tert-Butylbenzene	12.999	119	266857	42.160	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	300133	44.079	ug/l	98
85) sec-Butylbenzene	13.176	105	383860	42.129	ug/l	98
86) p-Isopropyltoluene	13.292	119	323125	42.692	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	169004	44.160	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	162770	43.196	ug/l	97
89) n-Butylbenzene	13.621	91	294105	42.595	ug/l	99
90) Hexachloroethane	13.883	117	66837	42.330	ug/l	84
91) 1,2-Dichlorobenzene	13.657	146	150324	45.255	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	10987	51.470	ug/l	99
93) 1,2,4-Trichlorobenzene	14.926	180	87931	47.557	ug/l	99
94) Hexachlorobutadiene	15.029	225	52579	42.913	ug/l	99
95) Naphthalene	15.145	128	163282	55.198	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	75807	49.267	ug/l	97

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ALS Vial : 26 Sample Multiplier: 1

Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VY021044.D
 Acq On : 03 Feb 2025 20:54
 Operator : SY/MD
 Sample : VSTDECC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
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