

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
 Data File : VY006592.D
 Acq On : 02 Nov 2021 21:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 03 02:03:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/03/2021
 Supervised By :Mahesh Dadoda 11/03/2021

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	158597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	272251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	253660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	102887	52.718	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.440%			
35) Dibromofluoromethane	7.728	113	74675	49.211	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.420%			
50) Toluene-d8	10.185	98	309511	48.115	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.240%			
62) 4-Bromofluorobenzene	12.483	95	107514	49.616	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	67999	46.383	ug/l	96
3) Chloromethane	2.119	50	98571	49.813	ug/l	100
4) Vinyl Chloride	2.259	62	107507	48.646	ug/l	98
5) Bromomethane	2.656	94	71910	48.841	ug/l	98
6) Chloroethane	2.802	64	60748	46.549	ug/l	94
7) Trichlorofluoromethane	3.137	101	124416	44.336	ug/l	98
8) Diethyl Ether	3.540	74	51818	56.384	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.911	101	73479	51.431	ug/l	96
10) Methyl Iodide	4.107	142	70116	45.401	ug/l	96
11) Tert butyl alcohol	4.966	59	42474	239.561	ug/l #	87
12) 1,1-Dichloroethene	3.881	96	73611	51.410	ug/l	96
13) Acrolein	3.735	56	33803	275.783	ug/l	99
14) Allyl chloride	4.491	41	178565	60.592	ug/l	93
15) Acrylonitrile	5.173	53	151316	292.375	ug/l	98
16) Acetone	3.954	43	135600	241.295	ug/l	95
17) Carbon Disulfide	4.204	76	247117	52.619	ug/l	99
18) Methyl Acetate	4.485	43	108006	59.269	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	264494	57.617	ug/l	97
20) Methylene Chloride	4.728	84	107676	62.750	ug/l	92
21) trans-1,2-Dichloroethene	5.234	96	88030	54.214	ug/l	98
22) Diisopropyl ether	6.124	45	377780	64.320	ug/l	97
23) Vinyl Acetate	6.070	43	1101134	308.242	ug/l	98
24) 1,1-Dichloroethane	6.033	63	181361	59.053	ug/l	98
25) 2-Butanone	6.996	43	208695	283.465	ug/l	100
26) 2,2-Dichloropropane	6.990	77	140386	48.059	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	103840	56.018	ug/l	97
28) Bromochloromethane	7.344	49	77019	61.811	ug/l	89
29) Tetrahydrofuran	7.356	42	138433	306.481	ug/l	94
30) Chloroform	7.514	83	174687	55.078	ug/l	99
31) Cyclohexane	7.795	56	165349	52.334	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	146431	50.001	ug/l	98
36) 1,1-Dichloropropene	7.923	75	129483	48.134	ug/l	98
37) Ethyl Acetate	7.088	43	93342	54.829	ug/l	99
38) Carbon Tetrachloride	7.911	117	127164	42.851	ug/l	99
39) Methylcyclohexane	9.191	83	156144	47.683	ug/l	96
40) Benzene	8.167	78	385589	50.257	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	65118m	67.408	ug/l	
42) 1,2-Dichloroethane	8.246	62	130303	47.559	ug/l	98
43) Isopropyl Acetate	8.283	43	180268	54.583	ug/l	100
44) Trichloroethene	8.947	130	95961	48.496	ug/l	98
45) 1,2-Dichloropropane	9.221	63	105666	55.602	ug/l	97
46) Dibromomethane	9.313	93	53644	51.424	ug/l	95
47) Bromodichloromethane	9.502	83	136296	50.225	ug/l	98
48) Methyl methacrylate	9.301	41	83755	54.718	ug/l	95
49) 1,4-Dioxane	9.301	88	13094	924.569	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	470340	271.674	ug/l	100
52) Toluene	10.246	92	234169	48.645	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	146444	50.093	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	163864	51.735	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	74484	51.641	ug/l	94
56) Ethyl methacrylate	10.514	69	120076	53.888	ug/l	98
57) 1,3-Dichloropropane	10.794	76	138286	52.755	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	268837	264.475	ug/l	95
59) 2-Hexanone	10.837	43	326902	260.895	ug/l	99
60) Dibromochloromethane	10.989	129	86945	48.870	ug/l	99
61) 1,2-Dibromoethane	11.093	107	69861	51.446	ug/l	98
64) Tetrachloroethene	10.721	164	109562	49.397	ug/l	96
65) Chlorobenzene	11.520	112	238419	48.296	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	90656	48.781	ug/l	97
67) Ethyl Benzene	11.593	91	460423	48.980	ug/l	99
68) m/p-Xylenes	11.709	106	339471	95.996	ug/l	99
69) o-Xylene	12.032	106	166236	49.265	ug/l	100
70) Styrene	12.044	104	283522	49.143	ug/l	99
71) Bromoform	12.209	173	54265	46.193	ug/l #	99
73) Isopropylbenzene	12.331	105	431722	51.683	ug/l	98
74) N-amyl acetate	12.148	43	165331	59.664	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	77931	53.889	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	63149m	51.318	ug/l	
77) Bromobenzene	12.611	156	98789	50.197	ug/l	91
78) n-propylbenzene	12.672	91	538336	52.149	ug/l	98
79) 2-Chlorotoluene	12.757	91	301237	52.710	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	362856	51.878	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	31583	52.692	ug/l	95
82) 4-Chlorotoluene	12.855	91	309923	52.044	ug/l	98
83) tert-Butylbenzene	13.074	119	312684	52.023	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	359597	51.418	ug/l	98
85) sec-Butylbenzene	13.257	105	462892	51.290	ug/l	99
86) p-Isopropyltoluene	13.373	119	391507	50.849	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	191295	48.431	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	186983	48.146	ug/l	99
89) n-Butylbenzene	13.696	91	372481	51.429	ug/l	99
90) Hexachloroethane	13.965	117	73600	52.929	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	170807	49.302	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14800	48.207	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	102929	45.004	ug/l	99
94) Hexachlorobutadiene	15.111	225	65594	44.749	ug/l	99
95) Naphthalene	15.239	128	207006	46.241	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	87919	43.897	ug/l	99

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

