

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008102.D
 Acq On : 30 Mar 2022 10:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 31 04:28:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/31/2022
 Supervised By :Semsettin Yesilyurt 03/31/2022

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	175789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	297829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	267960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81305	46.099	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.200%		
35) Dibromofluoromethane	7.722	113	90634	48.537	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.080%		
50) Toluene-d8	10.185	98	335719	47.721	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.440%		
62) 4-Bromofluorobenzene	12.483	95	117050	47.160	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	72668	45.857	ug/l	98
3) Chloromethane	2.119	50	80806	41.875	ug/l	96
4) Vinyl Chloride	2.260	62	105841	41.223	ug/l	97
5) Bromomethane	2.656	94	85086	40.437	ug/l	99
6) Chloroethane	2.802	64	70941	42.004	ug/l	96
7) Trichlorofluoromethane	3.137	101	141506	43.569	ug/l	91
8) Diethyl Ether	3.540	74	48803	46.400	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.906	101	91077	45.207	ug/l	92
10) Methyl Iodide	4.101	142	108871	46.392	ug/l	90
11) Tert butyl alcohol	4.960	59	38858	212.352	ug/l #	92
12) 1,1-Dichloroethene	3.881	96	85028	45.589	ug/l #	80
13) Acrolein	3.741	56	39378	264.385	ug/l	98
14) Allyl chloride	4.485	41	110997	45.232	ug/l #	91
15) Acrylonitrile	5.168	53	114148	227.845	ug/l	97
16) Acetone	3.954	43	102785	254.968	ug/l #	88
17) Carbon Disulfide	4.204	76	239916	45.397	ug/l	99
18) Methyl Acetate	4.485	43	47750	44.257	ug/l #	81
19) Methyl tert-butyl Ether	5.229	73	245577	46.332	ug/l	92
20) Methylene Chloride	4.723	84	95477	46.193	ug/l #	76
21) trans-1,2-Dichloroethene	5.229	96	101453	46.978	ug/l #	81
22) Diisopropyl ether	6.125	45	245339	46.471	ug/l #	91
23) Vinyl Acetate	6.070	43	809334	247.404	ug/l #	85
24) 1,1-Dichloroethane	6.027	63	161906	46.323	ug/l	96
25) 2-Butanone	6.990	43	144388	235.362	ug/l #	73
26) 2,2-Dichloropropane	6.984	77	156388	47.247	ug/l	92
27) cis-1,2-Dichloroethene	6.990	96	117382	46.892	ug/l	81
28) Bromochloromethane	7.338	49	43101	46.077	ug/l #	66
29) Tetrahydrofuran	7.350	42	89495	224.390	ug/l #	70
30) Chloroform	7.509	83	176842	46.727	ug/l	99
31) Cyclohexane	7.789	56	136333	41.354	ug/l #	84
32) 1,1,1-Trichloroethane	7.710	97	162255	46.401	ug/l	94
36) 1,1-Dichloropropene	7.923	75	132329	45.114	ug/l	95
37) Ethyl Acetate	7.076	43	62592	45.680	ug/l #	90
38) Carbon Tetrachloride	7.905	117	148967	46.603	ug/l	98
39) Methylcyclohexane	9.185	83	170612	43.093	ug/l #	84
40) Benzene	8.167	78	388202	46.268	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	32789m	47.656	ug/l	
42) 1,2-Dichloroethane	8.240	62	106946	45.438	ug/l	89
43) Isopropyl Acetate	8.277	43	121782	45.274	ug/l #	84
44) Trichloroethene	8.941	130	113313	46.703	ug/l	100
45) 1,2-Dichloropropane	9.222	63	92010	46.531	ug/l	99
46) Dibromomethane	9.307	93	59605	45.843	ug/l	96
47) Bromodichloromethane	9.502	83	140283	47.184	ug/l	99
48) Methyl methacrylate	9.295	41	50505	42.392	ug/l #	73
49) 1,4-Dioxane	9.301	88	15152	876.633	ug/l #	78
51) 4-Methyl-2-Pentanone	10.075	43	310275	228.702	ug/l #	83
52) Toluene	10.246	92	259375	47.138	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	144338	47.361	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	162654	47.147	ug/l #	83
55) 1,1,2-Trichloroethane	10.648	97	84554	47.097	ug/l	97
56) Ethyl methacrylate	10.514	69	109779	46.876	ug/l #	72
57) 1,3-Dichloropropane	10.795	76	135639	46.162	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	205183	211.461	ug/l #	87
59) 2-Hexanone	10.837	43	222103	233.957	ug/l	79
60) Dibromochloromethane	10.990	129	104815	48.004	ug/l	100
61) 1,2-Dibromoethane	11.093	107	84648	47.341	ug/l	100
64) Tetrachloroethene	10.721	164	94356	45.847	ug/l	96
65) Chlorobenzene	11.520	112	286042	47.343	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	108037	48.476	ug/l	98
67) Ethyl Benzene	11.593	91	498319	47.057	ug/l	95
68) m/p-Xylenes	11.709	106	399828	94.953	ug/l	89
69) o-Xylene	12.032	106	191548	47.510	ug/l	89
70) Styrene	12.050	104	318226	48.216	ug/l	94
71) Bromoform	12.209	173	66018	49.062	ug/l #	98
73) Isopropylbenzene	12.331	105	502047	46.133	ug/l	98
74) N-amyl acetate	12.148	43	104843	43.826	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.587	83	97597	46.140	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	77187m	48.026	ug/l	
77) Bromobenzene	12.611	156	117548	47.083	ug/l	90
78) n-propylbenzene	12.672	91	582648	45.390	ug/l	96
79) 2-Chlorotoluene	12.758	91	324238	45.534	ug/l	94
80) 1,3,5-Trimethylbenzene	12.819	105	408190	45.785	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	33402	46.370	ug/l #	79
82) 4-Chlorotoluene	12.855	91	332643	45.527	ug/l	94
83) tert-Butylbenzene	13.081	119	373540	47.029	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	399718	46.040	ug/l	97
85) sec-Butylbenzene	13.258	105	531169	45.306	ug/l	98
86) p-Isopropyltoluene	13.373	119	448476	45.964	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	232292	46.930	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	229489	46.490	ug/l	99
89) n-Butylbenzene	13.703	91	400133	44.572	ug/l	97
90) Hexachloroethane	13.965	117	86896	45.964	ug/l	86
91) 1,2-Dichlorobenzene	13.745	146	206110	47.295	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14706	43.559	ug/l	67
93) 1,2,4-Trichlorobenzene	15.013	180	119977	45.966	ug/l	98
94) Hexachlorobutadiene	15.117	225	60980	44.163	ug/l	98
95) Naphthalene	15.239	128	271868	47.122	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	104419	46.236	ug/l	98

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

