

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020922\
 Data File : VY007441.D
 Acq On : 09 Feb 2022 09:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/10/2022
 Supervised By :Semsettin Yesilyurt 02/10/2022

Quant Time: Feb 10 05:31:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	120242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	200677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	177025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	64151	46.383	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.760%		
35) Dibromofluoromethane	7.728	113	59662	46.299	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.600%		
50) Toluene-d8	10.185	98	213532	44.852	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.700%		
62) 4-Bromofluorobenzene	12.483	95	73506	45.426	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	62455	44.364	ug/l	99
3) Chloromethane	2.119	50	69302	44.595	ug/l	97
4) Vinyl Chloride	2.259	62	74132	44.655	ug/l	98
5) Bromomethane	2.656	94	48312	48.046	ug/l	99
6) Chloroethane	2.808	64	46543	45.651	ug/l	98
7) Trichlorofluoromethane	3.137	101	121116	45.021	ug/l	95
8) Diethyl Ether	3.534	74	37762	47.289	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.912	101	68788	45.402	ug/l	93
10) Methyl Iodide	4.101	142	79642	48.761	ug/l	93
11) Tert butyl alcohol	4.948	59	29492	170.279	ug/l #	92
12) 1,1-Dichloroethene	3.881	96	63059	45.058	ug/l	89
13) Acrolein	3.735	56	42918	230.994	ug/l	98
14) Allyl chloride	4.485	41	94810	44.106	ug/l #	95
15) Acrylonitrile	5.168	53	91778	244.632	ug/l	99
16) Acetone	3.954	43	114419	254.724	ug/l	91
17) Carbon Disulfide	4.204	76	183701	41.811	ug/l	99
18) Methyl Acetate	4.491	43	40392	48.010	ug/l #	87
19) Methyl tert-butyl Ether	5.228	73	189025	47.940	ug/l	98
20) Methylene Chloride	4.722	84	69543	47.662	ug/l	86
21) trans-1,2-Dichloroethene	5.228	96	69998	45.211	ug/l	91
22) Diisopropyl ether	6.125	45	208091	46.201	ug/l #	96
23) Vinyl Acetate	6.064	43	700303	238.407	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	125707	46.212	ug/l	97
25) 2-Butanone	6.990	43	133889	246.706	ug/l #	84
26) 2,2-Dichloropropane	6.984	77	117159	45.011	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	80535	47.093	ug/l	89
28) Bromochloromethane	7.338	49	54546	51.283	ug/l #	86
29) Tetrahydrofuran	7.350	42	75654	241.240	ug/l #	85
30) Chloroform	7.509	83	131140	46.343	ug/l	97
31) Cyclohexane	7.789	56	113268	41.970	ug/l	94
32) 1,1,1-Trichloroethane	7.710	97	120113	45.670	ug/l	96
36) 1,1-Dichloropropene	7.923	75	100605	44.657	ug/l	99
37) Ethyl Acetate	7.082	43	52160	46.572	ug/l #	95
38) Carbon Tetrachloride	7.905	117	107090	45.246	ug/l	98
39) Methylcyclohexane	9.185	83	123556	43.672	ug/l	92
40) Benzene	8.167	78	273542	45.808	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	27969m	50.253	ug/l	
42) 1,2-Dichloroethane	8.240	62	86960	47.905	ug/l	94
43) Isopropyl Acetate	8.277	43	102077	48.735	ug/l #	92
44) Trichloroethene	8.947	130	74294	46.014	ug/l	94
45) 1,2-Dichloropropane	9.222	63	68868	46.771	ug/l	92
46) Dibromomethane	9.307	93	42678	48.717	ug/l	93
47) Bromodichloromethane	9.502	83	101439	47.884	ug/l	99
48) Methyl methacrylate	9.295	41	45750	48.298	ug/l #	87
49) 1,4-Dioxane	9.307	88	9026	940.599	ug/l #	92
51) 4-Methyl-2-Pentanone	10.075	43	265056	249.515	ug/l	92
52) Toluene	10.246	92	171467	45.574	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	107378	48.520	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	120212	48.496	ug/l #	86
55) 1,1,2-Trichloroethane	10.648	97	57373	49.866	ug/l	99
56) Ethyl methacrylate	10.514	69	80623	50.451	ug/l #	82
57) 1,3-Dichloropropane	10.795	76	99809	48.927	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	224555	270.133	ug/l	96
59) 2-Hexanone	10.837	43	195444	252.364	ug/l	89
60) Dibromochloromethane	10.990	129	70525	49.237	ug/l	99
61) 1,2-Dibromoethane	11.093	107	55940	49.144	ug/l	100
64) Tetrachloroethene	10.721	164	63989	46.060	ug/l	89
65) Chlorobenzene	11.520	112	182283	46.288	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	70841	48.189	ug/l	97
67) Ethyl Benzene	11.599	91	344994	46.166	ug/l	99
68) m/p-Xylenes	11.703	106	256397	92.637	ug/l	100
69) o-Xylene	12.032	106	121843	46.562	ug/l	100
70) Styrene	12.044	104	207347	48.067	ug/l	98
71) Bromoform	12.215	173	40946	50.482	ug/l #	99
73) Isopropylbenzene	12.331	105	332170	45.223	ug/l	97
74) N-amyl acetate	12.148	43	87663	48.217	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.587	83	65360	48.727	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	45601m	47.728	ug/l	
77) Bromobenzene	12.611	156	70639	45.656	ug/l	97
78) n-propylbenzene	12.672	91	400577	45.026	ug/l	99
79) 2-Chlorotoluene	12.758	91	220256	44.715	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	275804	46.029	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	23406	49.079	ug/l	88
82) 4-Chlorotoluene	12.855	91	228865	45.238	ug/l	99
83) tert-Butylbenzene	13.075	119	237652	45.559	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	270677	45.880	ug/l	99
85) sec-Butylbenzene	13.258	105	353998	45.245	ug/l	99
86) p-Isopropyltoluene	13.373	119	294718	46.240	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	138996	46.335	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	139815	46.756	ug/l	97
89) n-Butylbenzene	13.703	91	281544	45.895	ug/l	100
90) Hexachloroethane	13.965	117	56017	46.506	ug/l	79
91) 1,2-Dichlorobenzene	13.739	146	123017	46.589	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10182	46.711	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	73804	47.199	ug/l	98
94) Hexachlorobutadiene	15.117	225	39919	46.116	ug/l	98
95) Naphthalene	15.239	128	160765	49.473	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	63955	48.453	ug/l	97

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

