

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
 Data File : VY007384.D
 Acq On : 03 Feb 2022 18:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 04 08:42:13 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

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/04/2022
 Supervised By :Semsettin Yesilyurt 02/07/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	148562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	256366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	225407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	82143	48.070	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.140%		
35) Dibromofluoromethane	7.716	113	74802	45.439	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.880%		
50) Toluene-d8	10.179	98	279117	45.892	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.780%		
62) 4-Bromofluorobenzene	12.477	95	95599	46.246	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	78952	45.391	ug/l	98
3) Chloromethane	2.113	50	80396	41.649	ug/l	97
4) Vinyl Chloride	2.247	62	87966	42.887	ug/l	97
5) Bromomethane	2.650	94	60263	48.506	ug/l	95
6) Chloroethane	2.790	64	55786	44.287	ug/l	98
7) Trichlorofluoromethane	3.125	101	157951	47.521	ug/l	95
8) Diethyl Ether	3.528	74	49368	50.038	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.893	101	88289	47.165	ug/l	93
10) Methyl Iodide	4.088	142	104088	51.580	ug/l	95
11) Tert butyl alcohol	4.954	59	45845	229.648	ug/l	97
12) 1,1-Dichloroethene	3.869	96	81062	46.880	ug/l	91
13) Acrolein	3.729	56	46461	202.394	ug/l	100
14) Allyl chloride	4.479	41	127009	47.822	ug/l #	93
15) Acrylonitrile	5.161	53	112384	242.453	ug/l	99
16) Acetone	3.942	43	111483	200.877	ug/l	92
17) Carbon Disulfide	4.192	76	252375	46.491	ug/l	98
18) Methyl Acetate	4.473	43	48351	46.514	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	240228	49.312	ug/l	97
20) Methylene Chloride	4.710	84	89454	49.720	ug/l	85
21) trans-1,2-Dichloroethene	5.216	96	91579	47.874	ug/l	91
22) Diisopropyl ether	6.119	45	267300	48.034	ug/l #	94
23) Vinyl Acetate	6.058	43	881975	243.017	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	161296	47.992	ug/l	99
25) 2-Butanone	6.984	43	151284	225.619	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	148952	46.317	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	103382	48.928	ug/l	90
28) Bromochloromethane	7.332	49	62829	47.810	ug/l #	85
29) Tetrahydrofuran	7.344	42	93767	242.001	ug/l #	87
30) Chloroform	7.502	83	169664	48.528	ug/l	99
31) Cyclohexane	7.783	56	151972	45.577	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	157801	48.563	ug/l	96
36) 1,1-Dichloropropene	7.917	75	131548	45.708	ug/l	99
37) Ethyl Acetate	7.070	43	65289	45.631	ug/l #	94
38) Carbon Tetrachloride	7.899	117	141929	46.940	ug/l	98
39) Methylcyclohexane	9.179	83	168929	46.739	ug/l	92
40) Benzene	8.161	78	360414	47.245	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	36067m	50.726	ug/l	
42) 1,2-Dichloroethane	8.234	62	111428	48.050	ug/l	94
43) Isopropyl Acetate	8.271	43	127774	47.752	ug/l #	92
44) Trichloroethene	8.941	130	98397	47.704	ug/l	96
45) 1,2-Dichloropropane	9.216	63	89240	47.441	ug/l	92
46) Dibromomethane	9.301	93	53419	47.732	ug/l	91
47) Bromodichloromethane	9.496	83	130885	48.363	ug/l	99
48) Methyl methacrylate	9.289	41	58884	48.660	ug/l #	88
49) 1,4-Dioxane	9.295	88	12421	1013.219	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	325044	239.518	ug/l	92
52) Toluene	10.240	92	225150	46.843	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	136110	48.143	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	153032	48.325	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	70771	48.149	ug/l	100
56) Ethyl methacrylate	10.508	69	100590	49.272	ug/l	85
57) 1,3-Dichloropropane	10.788	76	124954	47.948	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	232678	219.102	ug/l	96
59) 2-Hexanone	10.831	43	227041	229.481	ug/l	91
60) Dibromochloromethane	10.984	129	88391	48.305	ug/l	99
61) 1,2-Dibromoethane	11.087	107	70302	48.345	ug/l	100
64) Tetrachloroethene	10.715	164	82548	46.665	ug/l	93
65) Chlorobenzene	11.514	112	238680	47.599	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	90381	48.284	ug/l	97
67) Ethyl Benzene	11.593	91	455812	47.903	ug/l	100
68) m/p-Xylenes	11.703	106	337831	95.860	ug/l	100
69) o-Xylene	12.026	106	161154	48.365	ug/l	98
70) Styrene	12.038	104	272670	49.642	ug/l	98
71) Bromoform	12.203	173	50822	49.209	ug/l #	99
73) Isopropylbenzene	12.325	105	433418	47.020	ug/l	98
74) N-amyl acetate	12.142	43	112854	49.461	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	79454	47.200	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	54790m	45.695	ug/l	
77) Bromobenzene	12.605	156	93014	47.904	ug/l	98
78) n-propylbenzene	12.666	91	530165	47.485	ug/l	99
79) 2-Chlorotoluene	12.752	91	294248	47.600	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	363808	48.380	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	27990	46.767	ug/l	89
82) 4-Chlorotoluene	12.849	91	300223	47.286	ug/l	98
83) tert-Butylbenzene	13.069	119	318476	48.650	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	359365	48.537	ug/l	98
85) sec-Butylbenzene	13.251	105	464133	47.269	ug/l	99
86) p-Isopropyltoluene	13.367	119	389011	48.634	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	180609	47.975	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	179170	47.744	ug/l	98
89) n-Butylbenzene	13.690	91	371919	48.310	ug/l	99
90) Hexachloroethane	13.959	117	74129	49.039	ug/l	78
91) 1,2-Dichlorobenzene	13.733	146	160242	48.358	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13010	47.559	ug/l	88
93) 1,2,4-Trichlorobenzene	15.001	180	95481	48.656	ug/l	97
94) Hexachlorobutadiene	15.105	225	51990	47.858	ug/l	98
95) Naphthalene	15.233	128	208879	51.220	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	81751	49.352	ug/l	98

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

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