

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
 Data File : VY007366.D
 Acq On : 03 Feb 2022 09:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Feb 04 08:38:20 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	7.789	168	137286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	231031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	201953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	81584	51.664	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.320%			
35) Dibromofluoromethane	7.722	113	76635	51.657	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.320%			
50) Toluene-d8	10.179	98	284312	51.873	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.740%			
62) 4-Bromofluorobenzene	12.483	95	93856	50.381	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	76727	47.735	ug/l	97
3) Chloromethane	2.119	50	88985	50.606	ug/l	99
4) Vinyl Chloride	2.253	62	91938	48.506	ug/l	100
5) Bromomethane	2.656	94	58222	50.713	ug/l	97
6) Chloroethane	2.802	64	55045	47.287	ug/l	100
7) Trichlorofluoromethane	3.131	101	146343	47.645	ug/l	93
8) Diethyl Ether	3.534	74	42088	46.163	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.899	101	81927	47.361	ug/l	93
10) Methyl Iodide	4.088	142	95182	51.041	ug/l	95
11) Tert butyl alcohol	4.948	59	38830	205.503	ug/l	96
12) 1,1-Dichloroethene	3.875	96	76964	48.166	ug/l	88
13) Acrolein	3.729	56	51221	241.456	ug/l	97
14) Allyl chloride	4.479	41	122158	49.774	ug/l #	96
15) Acrylonitrile	5.167	53	99759	232.893	ug/l	99
16) Acetone	3.948	43	132302	257.970	ug/l	92
17) Carbon Disulfide	4.198	76	241294	48.101	ug/l	99
18) Methyl Acetate	4.479	43	43727	45.521	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	210947	46.858	ug/l	96
20) Methylene Chloride	4.722	84	81124	48.749	ug/l	87
21) trans-1,2-Dichloroethene	5.222	96	85478	48.355	ug/l	89
22) Diisopropyl ether	6.118	45	246791	47.991	ug/l	95
23) Vinyl Acetate	6.057	43	805955	240.311	ug/l #	95
24) 1,1-Dichloroethane	6.021	63	151389	48.744	ug/l	99
25) 2-Butanone	6.984	43	149365	241.054	ug/l #	84
26) 2,2-Dichloropropane	6.984	77	143229	48.195	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	93124	47.693	ug/l	91
28) Bromochloromethane	7.332	49	59748	49.200	ug/l #	90
29) Tetrahydrofuran	7.350	42	82938	231.634	ug/l	90
30) Chloroform	7.508	83	154537	47.832	ug/l	98
31) Cyclohexane	7.783	56	144066	46.755	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	144876	48.247	ug/l	96
36) 1,1-Dichloropropene	7.923	75	124262	47.911	ug/l	100
37) Ethyl Acetate	7.076	43	59257	45.957	ug/l	99
38) Carbon Tetrachloride	7.905	117	130549	47.911	ug/l	96
39) Methylcyclohexane	9.185	83	154408	47.406	ug/l	93
40) Benzene	8.161	78	329546	47.936	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	29832m	46.558	ug/l	
42) 1,2-Dichloroethane	8.240	62	98431	47.100	ug/l	95
43) Isopropyl Acetate	8.271	43	113390	47.023	ug/l #	93
44) Trichloroethene	8.941	130	87913	47.295	ug/l	89
45) 1,2-Dichloropropane	9.215	63	81001	47.783	ug/l	95
46) Dibromomethane	9.307	93	46928	46.530	ug/l	91
47) Bromodichloromethane	9.496	83	117673	48.250	ug/l	96
48) Methyl methacrylate	9.295	41	50778	46.563	ug/l #	89
49) 1,4-Dioxane	9.301	88	9667	875.041	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	280867	229.661	ug/l	92
52) Toluene	10.246	92	203726	47.034	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	120449	47.275	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	136900	47.972	ug/l #	87
55) 1,1,2-Trichloroethane	10.648	97	61607	46.511	ug/l	99
56) Ethyl methacrylate	10.508	69	86332	46.925	ug/l #	84
57) 1,3-Dichloropropane	10.794	76	107886	45.938	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	236927	247.569	ug/l	98
59) 2-Hexanone	10.831	43	207219	232.414	ug/l	90
60) Dibromochloromethane	10.990	129	77278	46.863	ug/l	99
61) 1,2-Dibromoethane	11.087	107	61245	46.735	ug/l	99
64) Tetrachloroethene	10.721	164	74882	47.247	ug/l	95
65) Chlorobenzene	11.514	112	212075	47.205	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	78369	46.729	ug/l	97
67) Ethyl Benzene	11.593	91	403341	47.312	ug/l	99
68) m/p-Xylenes	11.703	106	301770	95.572	ug/l	100
69) o-Xylene	12.032	106	141661	47.453	ug/l	100
70) Styrene	12.044	104	238033	48.369	ug/l	98
71) Bromoform	12.209	173	42425	45.850	ug/l #	99
73) Isopropylbenzene	12.331	105	384233	47.685	ug/l	98
74) N-amyl acetate	12.142	43	94703	47.482	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	68747	46.719	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	52687m	50.267	ug/l	
77) Bromobenzene	12.611	156	79446	46.807	ug/l	95
78) n-propylbenzene	12.672	91	471015	48.260	ug/l	99
79) 2-Chlorotoluene	12.758	91	259331	47.991	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	318705	48.484	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	24573	46.969	ug/l	91
82) 4-Chlorotoluene	12.855	91	269141	48.494	ug/l	97
83) tert-Butylbenzene	13.075	119	275622	48.165	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	312209	48.239	ug/l	99
85) sec-Butylbenzene	13.251	105	414734	48.319	ug/l	98
86) p-Isopropyltoluene	13.367	119	340397	48.683	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	157004	47.709	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	154972	47.241	ug/l	97
89) n-Butylbenzene	13.696	91	330303	49.081	ug/l	99
90) Hexachloroethane	13.965	117	64069	48.486	ug/l	78
91) 1,2-Dichlorobenzene	13.739	146	134504	46.434	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10372	43.374	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	79309	46.233	ug/l	97
94) Hexachlorobutadiene	15.111	225	45019	47.407	ug/l	96
95) Naphthalene	15.239	128	166330	46.659	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	67204	46.411	ug/l	98

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

