

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020922\
 Data File : VY007460.D
 Acq On : 09 Feb 2022 18:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Feb 10 05:38:13 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

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	116154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	201401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	181345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	78214	58.541	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.080%			
35) Dibromofluoromethane	7.722	113	72432	56.007	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.020%			
50) Toluene-d8	10.185	98	263924	55.237	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.480%			
62) 4-Bromofluorobenzene	12.483	95	89365	55.028	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	66443	48.858	ug/l	99
3) Chloromethane	2.113	50	74820	50.269	ug/l	97
4) Vinyl Chloride	2.253	62	80887	50.439	ug/l	99
5) Bromomethane	2.655	94	55603	57.243	ug/l	94
6) Chloroethane	2.802	64	52406	53.211	ug/l	96
7) Trichlorofluoromethane	3.131	101	136072	52.361	ug/l	92
8) Diethyl Ether	3.533	74	44086	57.152	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.905	101	77400	52.884	ug/l	91
10) Methyl Iodide	4.100	142	89608	56.794	ug/l	95
11) Tert butyl alcohol	4.948	59	34293	217.127	ug/l #	93
12) 1,1-Dichloroethene	3.875	96	70288	51.991	ug/l	85
13) Acrolein	3.728	56	46886	261.232	ug/l	100
14) Allyl chloride	4.484	41	114852	55.311	ug/l #	95
15) Acrylonitrile	5.167	53	106782	294.642	ug/l	99
16) Acetone	3.948	43	81722	188.336	ug/l	96
17) Carbon Disulfide	4.198	76	209646	49.395	ug/l	100
18) Methyl Acetate	4.478	43	46741	57.511	ug/l #	90
19) Methyl tert-butyl Ether	5.228	73	219960	57.749	ug/l	93
20) Methylene Chloride	4.722	84	80054	57.258	ug/l	89
21) trans-1,2-Dichloroethene	5.228	96	79244	52.984	ug/l	95
22) Diisopropyl ether	6.124	45	243998	56.080	ug/l #	94
23) Vinyl Acetate	6.063	43	809824	285.394	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	145750	55.466	ug/l	99
25) 2-Butanone	6.990	43	130802	249.501	ug/l #	87
26) 2,2-Dichloropropane	6.990	77	129310	51.428	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	91882	55.619	ug/l	89
28) Bromochloromethane	7.338	49	60765	59.140	ug/l #	88
29) Tetrahydrofuran	7.350	42	87914	290.201	ug/l #	86
30) Chloroform	7.508	83	152015	55.611	ug/l	100
31) Cyclohexane	7.789	56	128253	49.196	ug/l	95
32) 1,1,1-Trichloroethane	7.703	97	137289	54.039	ug/l	96
36) 1,1-Dichloropropene	7.923	75	114516	50.650	ug/l	99
37) Ethyl Acetate	7.081	43	62330	55.452	ug/l	96
38) Carbon Tetrachloride	7.904	117	122125	51.413	ug/l	98
39) Methylcyclohexane	9.191	83	141293	49.762	ug/l	89
40) Benzene	8.167	78	315299	52.611	ug/l	95

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41) Methacrylonitrile	7.325	41	33283m	59.586	ug/l	
42) 1,2-Dichloroethane	8.240	62	100770	55.314	ug/l	95
43) Isopropyl Acetate	8.276	43	119782	56.982	ug/l #	92
44) Trichloroethene	8.941	130	84749	52.301	ug/l	91
45) 1,2-Dichloropropane	9.215	63	81094	54.876	ug/l	100
46) Dibromomethane	9.307	93	48445	55.101	ug/l	91
47) Bromodichloromethane	9.502	83	117290	55.168	ug/l	97
48) Methyl methacrylate	9.294	41	53638	56.422	ug/l #	87
49) 1,4-Dioxane	9.301	88	10452	1085.287	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	302505	283.744	ug/l	91
52) Toluene	10.246	92	199843	52.925	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	122737	55.260	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	137292	55.187	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	64362	55.739	ug/l	100
56) Ethyl methacrylate	10.514	69	92835	57.884	ug/l #	85
57) 1,3-Dichloropropane	10.794	76	114665	56.008	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	248666	298.062	ug/l	97
59) 2-Hexanone	10.831	43	206519	265.706	ug/l	90
60) Dibromochloromethane	10.989	129	79779	55.497	ug/l	100
61) 1,2-Dibromoethane	11.093	107	63903	55.938	ug/l	100
64) Tetrachloroethene	10.721	164	73020	51.308	ug/l	95
65) Chlorobenzene	11.520	112	209523	51.937	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	80370	53.368	ug/l	97
67) Ethyl Benzene	11.593	91	396699	51.821	ug/l	99
68) m/p-Xylenes	11.703	106	291578	102.839	ug/l	100
69) o-Xylene	12.032	106	140609	52.453	ug/l	100
70) Styrene	12.044	104	239168	54.123	ug/l	98
71) Bromoform	12.209	173	45463	54.716	ug/l #	99
73) Isopropylbenzene	12.331	105	376544	50.533	ug/l	98
74) N-amyl acetate	12.142	43	102963	55.824	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.580	83	72473	53.259	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	47378m	48.880	ug/l	
77) Bromobenzene	12.611	156	81841	52.142	ug/l	98
78) n-propylbenzene	12.672	91	456721	50.604	ug/l	98
79) 2-Chlorotoluene	12.757	91	257912	51.613	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	314205	51.689	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.379	75	26112	53.972	ug/l	90
82) 4-Chlorotoluene	12.855	91	258028	50.275	ug/l	99
83) tert-Butylbenzene	13.074	119	269948	51.013	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	309459	51.705	ug/l	98
85) sec-Butylbenzene	13.251	105	401150	50.540	ug/l	98
86) p-Isopropyltoluene	13.367	119	330880	51.173	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	158005	51.920	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	155596	51.291	ug/l	98
89) n-Butylbenzene	13.696	91	316967	50.932	ug/l	99
90) Hexachloroethane	13.964	117	63676	52.110	ug/l	78
91) 1,2-Dichlorobenzene	13.739	146	139710	52.156	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11449	51.774	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	82072	51.738	ug/l	97
94) Hexachlorobutadiene	15.111	225	44714	50.918	ug/l	97
95) Naphthalene	15.239	128	188542	57.194	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	72300	53.994	ug/l	98

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

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