

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032222\
 Data File : VY008009.D
 Acq On : 22 Mar 2022 18:38
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Manual Integrations
 APPROVED

Reviewed By : Mahesh
 Dadoda
 03/23/2022
 Supervised By : Semsetun
 Yesilyurt
 03/23/2022

Quant Time: Mar 23 05:10:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	266048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	458580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	412249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	204472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	150470	49.604	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.200%		
35) Dibromofluoromethane	7.716	113	159259	49.450	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.900%		
50) Toluene-d8	10.179	98	524119	54.429	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	108.860%		
62) 4-Bromofluorobenzene	12.483	95	210933	45.635	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	83706	48.151	ug/l	99
3) Chloromethane	2.113	50	104534	48.599	ug/l	95
4) Vinyl Chloride	2.247	62	138518	51.580	ug/l	99
5) Bromomethane	2.650	94	119261	68.923	ug/l	97
6) Chloroethane	2.790	64	105700	48.582	ug/l	99
7) Trichlorofluoromethane	3.125	101	231155	47.388	ug/l	95
8) Diethyl Ether	3.527	74	91715	50.661	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.899	101	152358	48.358	ug/l	92
10) Methyl Iodide	4.088	142	128490	44.119	ug/l	90
11) Tert butyl alcohol	4.948	59	97919	277.084	ug/l #	93
12) 1,1-Dichloroethene	3.875	96	128816	44.590	ug/l	84
13) Acrolein	3.729	56	17479	82.120	ug/l	98
14) Allyl chloride	4.478	41	220593	45.398	ug/l #	91
15) Acrylonitrile	5.161	53	253768	263.029	ug/l	97
16) Acetone	3.948	43	183247	227.713	ug/l #	89
17) Carbon Disulfide	4.192	76	259606	46.784	ug/l	99
18) Methyl Acetate	4.478	43	106388	56.271	ug/l #	88
19) Methyl tert-butyl Ether	5.222	73	487727	53.822	ug/l	96
20) Methylene Chloride	4.710	84	170829	55.206	ug/l #	81
21) trans-1,2-Dichloroethene	5.222	96	147793	45.697	ug/l	86
22) Diisopropyl ether	6.118	45	533701	51.053	ug/l #	92
23) Vinyl Acetate	6.057	43	1754774	268.002	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	296717	50.392	ug/l	98
25) 2-Butanone	6.984	43	321631	249.522	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	264634	48.491	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	195536	50.370	ug/l	86
28) Bromochloromethane	7.332	49	114737	49.333	ug/l #	81
29) Tetrahydrofuran	7.344	42	209705	253.908	ug/l #	84
30) Chloroform	7.502	83	318619	52.351	ug/l	99
31) Cyclohexane	7.783	56	223288	50.690	ug/l	90
32) 1,1,1-Trichloroethane	7.697	97	272983	49.799	ug/l	95
36) 1,1-Dichloropropene	7.917	75	209748	43.911	ug/l	96
37) Ethyl Acetate	7.076	43	143013	49.067	ug/l #	92
38) Carbon Tetrachloride	7.899	117	237266	46.484	ug/l	99
39) Methylcyclohexane	9.179	83	254576	47.988	ug/l	89
40) Benzene	8.161	78	644304	46.158	ug/l	97

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41) Methacrylonitrile	7.325	41	93412m	51.968	ug/l	
42) 1,2-Dichloroethane	8.234	62	198630	49.147	ug/l	92
43) Isopropyl Acetate	8.270	43	279346	49.714	ug/l #	90
44) Trichloroethene	8.941	130	178278	46.188	ug/l	97
45) 1,2-Dichloropropane	9.215	63	176272	48.770	ug/l	97
46) Dibromomethane	9.301	93	104277	49.318	ug/l	95
47) Bromodichloromethane	9.496	83	255729	50.064	ug/l	99
48) Methyl methacrylate	9.289	41	116673	46.677	ug/l #	82
49) 1,4-Dioxane	9.295	88	32247	1076.882	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	736379	248.737	ug/l	89
52) Toluene	10.240	92	417934	46.622	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	262702	48.210	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	289374	47.621	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	157975	51.426	ug/l	99
56) Ethyl methacrylate	10.508	69	218136	49.464	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	257206	50.209	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	524063	242.243	ug/l	93
59) 2-Hexanone	10.831	43	511380	241.551	ug/l	86
60) Dibromochloromethane	10.983	129	187225	50.889	ug/l	99
61) 1,2-Dibromoethane	11.087	107	147933	49.779	ug/l	99
64) Tetrachloroethene	10.715	164	141346	44.061	ug/l	97
65) Chlorobenzene	11.514	112	482178	48.826	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	188624	50.730	ug/l	96
67) Ethyl Benzene	11.593	91	866174	49.238	ug/l	96
68) m/p-Xylenes	11.703	106	642192	93.586	ug/l	92
69) o-Xylene	12.026	106	321771	48.478	ug/l	91
70) Styrene	12.044	104	540943	48.474	ug/l	95
71) Bromoform	12.209	173	118585	49.793	ug/l #	100
73) Isopropylbenzene	12.331	105	857115	47.623	ug/l	99
74) N-amyl acetate	12.142	43	250663	47.206	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	193877	50.043	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	140517m	48.215	ug/l	
77) Bromobenzene	12.605	156	198421	48.245	ug/l	97
78) n-propylbenzene	12.672	91	1006575	46.315	ug/l	98
79) 2-Chlorotoluene	12.757	91	571793	46.763	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	713197	48.186	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	63821	45.996	ug/l #	84
82) 4-Chlorotoluene	12.855	91	584282	45.998	ug/l	98
83) tert-Butylbenzene	13.074	119	635338	47.969	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	719353	49.580	ug/l	97
85) sec-Butylbenzene	13.251	105	933797	47.043	ug/l	99
86) p-Isopropyltoluene	13.367	119	762394	47.311	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	391040	48.683	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	394339	48.983	ug/l	99
89) n-Butylbenzene	13.696	91	708733	45.829	ug/l	98
90) Hexachloroethane	13.958	117	154342	47.986	ug/l	83
91) 1,2-Dichlorobenzene	13.739	146	360664	49.918	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	31046	46.580	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	217181	47.551	ug/l	98
94) Hexachlorobutadiene	15.111	225	108760	44.635	ug/l	100
95) Naphthalene	15.239	128	923573	90.635	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	195221	48.462	ug/l	98

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

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