

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
 Data File : VY005238.D
 Acq On : 28 Jun 2021 10:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/30/2021 7:39:12 PM

Quant Time: Jun 29 01:13:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	327444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	452749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	414188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	215361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	135086	49.713	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.420%		
35) Dibromofluoromethane	7.728	113	138332	51.808	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.620%		
50) Toluene-d8	10.185	98	555048	51.980	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.960%		
62) 4-Bromofluorobenzene	12.483	95	183797	51.654	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	103912	48.261	ug/l	99
3) Chloromethane	2.119	50	147620	51.479	ug/l	99
4) Vinyl Chloride	2.259	62	167896	51.209	ug/l	98
5) Bromomethane	2.656	94	111637	53.683	ug/l	97
6) Chloroethane	2.802	64	104044	48.528	ug/l	99
7) Trichlorofluoromethane	3.131	101	231317	52.776	ug/l	100
8) Diethyl Ether	3.540	74	79992	48.785	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	132386	49.335	ug/l	98
10) Methyl Iodide	4.101	142	166010	43.490	ug/l	100
11) Tert butyl alcohol	4.978	59	54273	131.963	ug/l #	95
12) 1,1-Dichloroethene	3.881	96	132534	48.886	ug/l	98
13) Acrolein	3.741	56	40538	303.611	ug/l	92
14) Allyl chloride	4.491	41	186403	47.866	ug/l	99
15) Acrylonitrile	5.180	53	183279	240.625	ug/l	100
16) Acetone	3.960	43	162555	258.955	ug/l	98
17) Carbon Disulfide	4.204	76	406627	47.687	ug/l	100
18) Methyl Acetate	4.485	43	76121	45.629	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	361641	48.790	ug/l	99
20) Methylene Chloride	4.722	84	152749	45.230	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	149687	49.585	ug/l	97
22) Diisopropyl ether	6.131	45	393137	48.563	ug/l	98
23) Vinyl Acetate	6.070	43	1283502	245.000	ug/l	99
24) 1,1-Dichloroethane	6.027	63	244408	48.645	ug/l	99
25) 2-Butanone	6.996	43	226269	247.198	ug/l	98
26) 2,2-Dichloropropane	6.990	77	217384	49.616	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	167162	49.235	ug/l	99
28) Bromochloromethane	7.344	49	102725	51.101	ug/l	95
29) Tetrahydrofuran	7.356	42	142113	235.978	ug/l	99
30) Chloroform	7.515	83	249858	48.869	ug/l	98
31) Cyclohexane	7.789	56	224271	46.230	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	223825	49.083	ug/l	100
36) 1,1-Dichloropropene	7.923	75	197744	49.600	ug/l	99
37) Ethyl Acetate	7.088	43	98395	47.860	ug/l	100
38) Carbon Tetrachloride	7.905	117	208497	49.959	ug/l	97
39) Methylcyclohexane	9.185	83	259150	50.227	ug/l	99
40) Benzene	8.167	78	580869	49.411	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	52346m	45.910	ug/l	
42) 1,2-Dichloroethane	8.246	62	156185	48.914	ug/l	100
43) Isopropyl Acetate	8.283	43	181426	48.010	ug/l	98
44) Trichloroethene	8.941	130	167999	50.547	ug/l	99
45) 1,2-Dichloropropane	9.222	63	139820	49.705	ug/l	100
46) Dibromomethane	9.313	93	81727	49.958	ug/l	99
47) Bromodichloromethane	9.502	83	192597	50.210	ug/l	99
48) Methyl methacrylate	9.301	41	81286	49.032	ug/l	99
49) 1,4-Dioxane	9.307	88	19789	919.870	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	483328	244.365	ug/l	99
52) Toluene	10.246	92	376682	50.130	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	210468	50.124	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	239096	50.508	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	119684	50.098	ug/l	99
56) Ethyl methacrylate	10.514	69	165648	51.078	ug/l	98
57) 1,3-Dichloropropane	10.794	76	198718	49.663	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	351157	245.503	ug/l	99
59) 2-Hexanone	10.837	43	342699	251.916	ug/l	99
60) Dibromochloromethane	10.990	129	150176	51.316	ug/l	100
61) 1,2-Dibromoethane	11.093	107	118224	50.873	ug/l	98
64) Tetrachloroethene	10.721	164	155478	50.869	ug/l	98
65) Chlorobenzene	11.520	112	413077	50.317	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	155319	50.974	ug/l	99
67) Ethyl Benzene	11.593	91	710582	50.197	ug/l	99
68) m/p-Xylenes	11.703	106	576389	101.629	ug/l	99
69) o-Xylene	12.032	106	271224	50.503	ug/l	100
70) Styrene	12.044	104	464351	51.423	ug/l	99
71) Bromoform	12.209	173	107003	51.609	ug/l #	99
73) Isopropylbenzene	12.331	105	705544	50.511	ug/l	100
74) N-amyl acetate	12.148	43	164396	49.730	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	136283	49.515	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	95075m	49.777	ug/l	
77) Bromobenzene	12.611	156	186765	50.388	ug/l	98
78) n-propylbenzene	12.672	91	830758	50.438	ug/l	99
79) 2-Chlorotoluene	12.758	91	463969	49.935	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	587779	50.867	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	50674	49.500	ug/l	98
82) 4-Chlorotoluene	12.855	91	479998	49.935	ug/l	99
83) tert-Butylbenzene	13.075	119	522563	50.726	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	584127	51.131	ug/l	99
85) sec-Butylbenzene	13.257	105	765449	51.073	ug/l	99
86) p-Isopropyltoluene	13.373	119	665602	51.472	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	358389	50.646	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	354079	50.599	ug/l	99
89) n-Butylbenzene	13.696	91	584245	51.432	ug/l	100
90) Hexachloroethane	13.965	117	120690	51.666	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	320022	51.014	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	22759	49.642	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	232440	52.572	ug/l	100
94) Hexachlorobutadiene	15.117	225	148523	53.674	ug/l	99
95) Naphthalene	15.239	128	438219	53.700	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	208470	53.537	ug/l	99

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

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