

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005480.D
 Acq On : 28 Jul 2021 11:22
 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
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MMDadoda
 7/29/2021 4:12:17 PM

Quant Time: Jul 29 05:29:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	302547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	446433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	354875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	187789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	166257	51.437	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.880%	
35) Dibromofluoromethane	7.722	113	138626	53.778	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.560%	
50) Toluene-d8	10.185	98	506818	46.389	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.780%	
62) 4-Bromofluorobenzene	12.483	95	169053	46.883	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.760%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	111644	40.762	ug/l	97
3) Chloromethane	2.119	50	149736	44.598	ug/l	98
4) Vinyl Chloride	2.260	62	177940	44.507	ug/l	97
5) Bromomethane	2.656	94	121630	41.629	ug/l	97
6) Chloroethane	2.796	64	115070	45.815	ug/l	100
7) Trichlorofluoromethane	3.131	101	237718	45.468	ug/l	99
8) Diethyl Ether	3.540	74	83702	45.478	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.906	101	133050	46.824	ug/l	99
10) Methyl Iodide	4.101	142	154946	48.048	ug/l	97
11) Tert butyl alcohol	4.972	59	70032	229.360	ug/l #	87
12) 1,1-Dichloroethene	3.881	96	136628	47.234	ug/l	98
13) Acrolein	3.741	56	61426	219.690	ug/l	99
14) Allyl chloride	4.485	41	239336	46.235	ug/l	97
15) Acrylonitrile	5.174	53	211064	230.923	ug/l	99
16) Acetone	3.960	43	212317	287.636	ug/l	98
17) Carbon Disulfide	4.198	76	429248	44.877	ug/l	100
18) Methyl Acetate	4.485	43	95480	46.019	ug/l	98
19) Methyl tert-butyl Ether	5.235	73	405511	46.462	ug/l	99
20) Methylene Chloride	4.729	84	165602	40.967	ug/l	98
21) trans-1,2-Dichloroethene	5.229	96	149859	46.115	ug/l	94
22) Diisopropyl ether	6.125	45	493609	49.130	ug/l	98
23) Vinyl Acetate	6.070	43	1629242	246.538	ug/l	100
24) 1,1-Dichloroethane	6.027	63	276262	49.885	ug/l	99
25) 2-Butanone	6.997	43	291423	263.637	ug/l	100
26) 2,2-Dichloropropane	6.984	77	250115	49.667	ug/l	98
27) cis-1,2-Dichloroethene	6.997	96	171488	49.331	ug/l	100
28) Bromochloromethane	7.344	49	112326	50.385	ug/l	99
29) Tetrahydrofuran	7.356	42	183592	250.802	ug/l	99
30) Chloroform	7.515	83	274843	50.166	ug/l	98
31) Cyclohexane	7.789	56	267225	48.419	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	250601	49.405	ug/l	99
36) 1,1-Dichloropropene	7.923	75	220379	51.054	ug/l	100
37) Ethyl Acetate	7.082	43	123367	46.950	ug/l	98
38) Carbon Tetrachloride	7.905	117	229948	48.749	ug/l	99
39) Methylcyclohexane	9.185	83	243297	43.955	ug/l	98
40) Benzene	8.167	78	621460	50.098	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	70913m	51.499	ug/l	
42) 1,2-Dichloroethane	8.240	62	192956	48.085	ug/l	100
43) Isopropyl Acetate	8.277	43	234237	49.226	ug/l	100
44) Trichloroethene	8.941	130	165638	49.235	ug/l	96
45) 1,2-Dichloropropane	9.222	63	130711	42.795	ug/l	99
46) Dibromomethane	9.313	93	72151	42.918	ug/l	98
47) Bromodichloromethane	9.502	83	182831	43.266	ug/l	99
48) Methyl methacrylate	9.295	41	94640	42.767	ug/l	100
49) 1,4-Dioxane	9.307	88	20706	873.153	ug/l #	92
51) 4-Methyl-2-Pentanone	10.075	43	546958	216.518	ug/l	100
52) Toluene	10.246	92	342562	43.487	ug/l	100
53) t-1,3-Dichloropropene	10.472	75	202211	42.776	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	221810	42.686	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	104055	43.128	ug/l	99
56) Ethyl methacrylate	10.514	69	158578	43.528	ug/l	99
57) 1,3-Dichloropropane	10.795	76	182197	42.458	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	410181	235.425	ug/l	100
59) 2-Hexanone	10.837	43	391746	221.256	ug/l	99
60) Dibromochloromethane	10.990	129	128984	43.773	ug/l	100
61) 1,2-Dibromoethane	11.093	107	96932	42.443	ug/l	100
64) Tetrachloroethene	10.721	164	136291	50.838	ug/l	99
65) Chlorobenzene	11.520	112	363204	49.970	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	136993	50.464	ug/l	99
67) Ethyl Benzene	11.593	91	670174	50.648	ug/l	100
68) m/p-Xylenes	11.703	106	521665	101.532	ug/l	100
69) o-Xylene	12.032	106	247618	50.658	ug/l	99
70) Styrene	12.050	104	422946	50.958	ug/l	99
71) Bromoform	12.215	173	87830	50.623	ug/l	100
73) Isopropylbenzene	12.331	105	654559	50.545	ug/l	99
74) N-amyl acetate	12.148	43	193605	49.104	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	120148	48.594	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	92381m	49.995	ug/l	
77) Bromobenzene	12.611	156	157542	49.678	ug/l	99
78) n-propylbenzene	12.672	91	797015	51.012	ug/l	100
79) 2-Chlorotoluene	12.758	91	441349	50.291	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	552299	51.061	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	46994	49.383	ug/l	98
82) 4-Chlorotoluene	12.855	91	457351	50.351	ug/l	100
83) tert-Butylbenzene	13.081	119	494514	51.327	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	544958	50.231	ug/l	100
85) sec-Butylbenzene	13.258	105	718325	51.691	ug/l	100
86) p-Isopropyltoluene	13.373	119	622307	52.010	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	315265	50.689	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	311199	50.498	ug/l	99
89) n-Butylbenzene	13.703	91	573963	52.260	ug/l	99
90) Hexachloroethane	13.965	117	109953	51.122	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	278100	50.072	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	23533	49.082	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	197397	51.512	ug/l	99
94) Hexachlorobutadiene	15.117	225	128675	52.982	ug/l	98
95) Naphthalene	15.239	128	384831	49.923	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	174244	50.446	ug/l	99

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

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