

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102921\
 Data File : VW020725.D
 Acq On : 29 Oct 2021 10:54
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 11/1/2021 6:28:07 PM

Quant Time: Oct 30 07:19:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102821S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 05:37:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	122545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	171860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	159063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	86420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	50744	42.126	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.260%		
35) Dibromofluoromethane	7.878	113	46052	45.678	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.360%		
50) Toluene-d8	10.323	98	172399	45.567	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.140%		
62) 4-Bromofluorobenzene	12.615	95	65586	45.949	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	16362	44.658	ug/l	92
3) Chloromethane	2.209	50	36267	49.496	ug/l	99
4) Vinyl Chloride	2.355	62	46797	54.573	ug/l	98
5) Bromomethane	2.763	94	20773	59.874	ug/l	86
6) Chloroethane	2.910	64	15457	60.634	ug/l	94
7) Trichlorofluoromethane	3.245	101	24772	61.399	ug/l	95
8) Diethyl Ether	3.684	74	24828	49.651	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.056	101	52709	53.342	ug/l	100
10) Methyl Iodide	4.269	142	65682	52.906	ug/l	99
11) Tert butyl alcohol	5.165	59	14538	226.775	ug/l	99
12) 1,1-Dichloroethene	4.038	96	50741	52.681	ug/l	99
13) Acrolein	3.891	56	6257	222.001	ug/l	100
14) Allyl chloride	4.665	41	80447	54.310	ug/l	100
15) Acrylonitrile	5.360	53	57635	246.191	ug/l	99
16) Acetone	4.117	43	75765	267.918	ug/l	99
17) Carbon Disulfide	4.379	76	142445	53.430	ug/l	99
18) Methyl Acetate	4.665	43	41144	47.767	ug/l	99
19) Methyl tert-butyl Ether	5.421	73	64381	48.777	ug/l	100
20) Methylene Chloride	4.909	84	55538	51.742	ug/l	99
21) trans-1,2-Dichloroethene	5.421	96	56985	52.899	ug/l	94
22) Diisopropyl ether	6.305	45	159374	51.578	ug/l	98
23) Vinyl Acetate	6.251	43	432679	257.332	ug/l	100
24) 1,1-Dichloroethane	6.214	63	101404	51.198	ug/l	100
25) 2-Butanone	7.165	43	82135	253.470	ug/l	100
26) 2,2-Dichloropropane	7.165	77	59513	54.002	ug/l	100
27) cis-1,2-Dichloroethene	7.165	96	60368	51.234	ug/l	98
28) Bromochloromethane	7.513	49	41776	45.393	ug/l #	98
29) Tetrahydrofuran	7.525	42	48601	247.876	ug/l	99
30) Chloroform	7.677	83	104947	50.754	ug/l	97
31) Cyclohexane	7.951	56	99854	49.467	ug/l	99
32) 1,1,1-Trichloroethane	7.866	97	85632	54.090	ug/l	99
36) 1,1-Dichloropropene	8.079	75	83778	54.644	ug/l	100
37) Ethyl Acetate	7.250	43	33630	51.401	ug/l	98
38) Carbon Tetrachloride	8.067	117	79260	56.136	ug/l	93
39) Methylcyclohexane	9.335	83	105381	56.884	ug/l	99
40) Benzene	8.323	78	230097	52.293	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	19725	51.245	ug/l	93
42) 1,2-Dichloroethane	8.397	62	69938	51.715	ug/l	100
43) Isopropyl Acetate	8.421	43	63932	51.015	ug/l	99
44) Trichloroethene	9.091	130	62190	53.797	ug/l	94
45) 1,2-Dichloropropane	9.366	63	54620	52.628	ug/l	99
46) Dibromomethane	9.457	93	29493	52.297	ug/l	100
47) Bromodichloromethane	9.646	83	75726	52.897	ug/l	96
48) Methyl methacrylate	9.433	41	32646	53.199	ug/l	95
49) 1,4-Dioxane	9.445	88	8477	1133.803	ug/l	98
51) 4-Methyl-2-Pentanone	10.207	43	171026	260.869	ug/l	100
52) Toluene	10.384	92	147838	54.968	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	77397	53.663	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	88125	53.114	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	40526	51.516	ug/l	93
56) Ethyl methacrylate	10.646	69	52531	47.643	ug/l	98
57) 1,3-Dichloropropane	10.933	76	72046	52.502	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	111567	239.448	ug/l	99
59) 2-Hexanone	10.969	43	126962	273.838	ug/l	100
60) Dibromochloromethane	11.128	129	49179	52.311	ug/l	99
61) 1,2-Dibromoethane	11.237	107	38776	51.505	ug/l	100
64) Tetrachloroethene	10.859	164	55145	54.441	ug/l	95
65) Chlorobenzene	11.658	112	153124	53.086	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	56578	53.821	ug/l	99
67) Ethyl Benzene	11.731	91	287707	55.059	ug/l	99
68) m/p-Xylenes	11.841	106	222875	110.111	ug/l	97
69) o-Xylene	12.164	106	104505	56.094	ug/l	100
70) Styrene	12.176	104	179185	56.107	ug/l	99
71) Bromoform	12.347	173	30505	53.091	ug/l #	98
73) Isopropylbenzene	12.463	105	291926	50.527	ug/l	99
74) N-amyl acetate	12.274	43	62666	46.299	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	46998	51.072	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	36887m	49.789	ug/l	
77) Bromobenzene	12.743	156	66819	52.915	ug/l	99
78) n-propylbenzene	12.804	91	356354	55.412	ug/l	99
79) 2-Chlorotoluene	12.890	91	202616	54.704	ug/l	100
80) 1,3,5-Trimethylbenzene	12.938	105	253398	55.814	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	15244	45.982	ug/l	97
82) 4-Chlorotoluene	12.987	91	211255	53.740	ug/l	98
83) tert-Butylbenzene	13.207	119	219437	56.855	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	254097	56.202	ug/l	100
85) sec-Butylbenzene	13.383	105	325330	56.031	ug/l	100
86) p-Isopropyltoluene	13.493	119	280285	56.854	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	136253	52.646	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	133007	51.514	ug/l	97
89) n-Butylbenzene	13.822	91	260724	56.265	ug/l	99
90) Hexachloroethane	14.091	117	47974	53.462	ug/l	98
91) 1,2-Dichlorobenzene	13.865	146	120045	52.975	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	8060	49.120	ug/l	97
93) 1,2,4-Trichlorobenzene	15.133	180	85117	54.759	ug/l	97
94) Hexachlorobutadiene	15.231	225	52656	52.425	ug/l	99
95) Naphthalene	15.365	128	139716	47.077	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	72705	52.085	ug/l	97

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

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