

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062121\
 Data File : VW019246.D
 Acq On : 21 Jun 2021 12:37
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062121

Manual Integrations
 APPROVED

MMDadoda
 6/22/2021 6:11:18 PM

Quant Time: Jun 22 03:11:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 21 12:12:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	373256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	641601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	581037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	286575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	228736	50.518	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.040%	
35) Dibromofluoromethane	7.891	113	200732	49.119	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.240%	
50) Toluene-d8	10.323	98	819192	50.075	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.140%	
62) 4-Bromofluorobenzene	12.621	95	287560	50.259	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.520%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	137762	52.034	ug/l	99
3) Chloromethane	2.221	50	156592	50.019	ug/l	98
4) Vinyl Chloride	2.367	62	236923	49.476	ug/l	99
5) Bromomethane	2.782	94	171750	45.823	ug/l	94
6) Chloroethane	2.928	64	151418	47.605	ug/l	99
7) Trichlorofluoromethane	3.270	101	134491	49.534	ug/l	99
8) Diethyl Ether	3.684	74	104122	50.323	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.074	101	196278	50.030	ug/l	97
10) Methyl Iodide	4.282	142	264626	50.406	ug/l	98
11) Tert butyl alcohol	5.172	59	60486	288.633	ug/l	99
12) 1,1-Dichloroethene	4.050	96	203737	50.510	ug/l	88
13) Acrolein	3.897	56	61524	258.081	ug/l	99
14) Allyl chloride	4.672	41	265848	49.101	ug/l	98
15) Acrylonitrile	5.367	53	219863	259.382	ug/l	100
16) Acetone	4.123	43	190663	262.363	ug/l	98
17) Carbon Disulfide	4.391	76	599565	50.364	ug/l	99
18) Methyl Acetate	4.672	43	93577	50.616	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	280626	51.321	ug/l	98
20) Methylene Chloride	4.922	84	233371	53.107	ug/l	96
21) trans-1,2-Dichloroethene	5.428	96	226867	50.535	ug/l	97
22) Diisopropyl ether	6.312	45	585000	49.735	ug/l	99
23) Vinyl Acetate	6.257	43	1839918	257.713	ug/l	98
24) 1,1-Dichloroethane	6.220	63	408002	49.214	ug/l	99
25) 2-Butanone	7.171	43	278780	260.109	ug/l	99
26) 2,2-Dichloropropane	7.171	77	215479	47.447	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	243823	50.043	ug/l	97
28) Bromochloromethane	7.519	49	156278	47.622	ug/l	96
29) Tetrahydrofuran	7.531	42	178075	268.251	ug/l	97
30) Chloroform	7.677	83	407727	49.036	ug/l	97
31) Cyclohexane	7.958	56	357745	46.467	ug/l	98
32) 1,1,1-Trichloroethane	7.878	97	310440	49.574	ug/l	98
36) 1,1-Dichloropropene	8.086	75	331003	48.747	ug/l	99
37) Ethyl Acetate	7.257	43	126503	49.835	ug/l	100
38) Carbon Tetrachloride	8.074	117	292346	49.250	ug/l	98
39) Methylcyclohexane	9.335	83	407780	50.633	ug/l	99
40) Benzene	8.330	78	906138	48.711	ug/l	100

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41) Methacrylonitrile	7.482	41	73374	51.659	ug/l	91
42) 1,2-Dichloroethane	8.403	62	268882	48.648	ug/l	100
43) Isopropyl Acetate	8.427	43	242414	50.037	ug/l	98
44) Trichloroethene	9.098	130	224967	48.593	ug/l	100
45) 1,2-Dichloropropane	9.372	63	221439	48.504	ug/l	97
46) Dibromomethane	9.464	93	117748	49.099	ug/l	97
47) Bromodichloromethane	9.646	83	298240	49.195	ug/l	94
48) Methyl methacrylate	9.439	41	118227	54.220	ug/l	91
49) 1,4-Dioxane	9.451	88	33162	1071.390	ug/l	99
51) 4-Methyl-2-Pentanone	10.213	43	623923	254.199	ug/l	99
52) Toluene	10.390	92	563870	48.711	ug/l	98
53) t-1,3-Dichloropropene	10.610	75	304008	50.304	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	356922	50.662	ug/l	98
55) 1,1,2-Trichloroethane	10.793	97	160085	48.441	ug/l	96
56) Ethyl methacrylate	10.646	69	216635	51.757	ug/l	98
57) 1,3-Dichloropropane	10.933	76	291999	49.063	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.927	63	483660	246.453	ug/l	99
59) 2-Hexanone	10.969	43	431317	259.447	ug/l	100
60) Dibromochloromethane	11.128	129	180686	50.533	ug/l	99
61) 1,2-Dibromoethane	11.238	107	152900	49.426	ug/l	97
64) Tetrachloroethene	10.866	164	188202	50.953	ug/l	94
65) Chlorobenzene	11.658	112	584909	49.519	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.731	131	204812	50.713	ug/l	98
67) Ethyl Benzene	11.731	91	1100142	49.335	ug/l	98
68) m/p-Xylenes	11.841	106	846562	101.690	ug/l	98
69) o-Xylene	12.164	106	402346	51.565	ug/l	100
70) Styrene	12.183	104	679608	51.654	ug/l	99
71) Bromoform	12.347	173	100699	51.411	ug/l	100
73) Isopropylbenzene	12.463	105	1075461	50.458	ug/l	100
74) N-amyl acetate	12.274	43	232025	51.401	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	191099	49.290	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	130939m	46.640	ug/l	
77) Bromobenzene	12.743	156	219818	47.911	ug/l	91
78) n-propylbenzene	12.804	91	1356895	50.494	ug/l	100
79) 2-Chlorotoluene	12.890	91	764117	49.742	ug/l	99
80) 1,3,5-Trimethylbenzene	12.945	105	911012	50.413	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	58411	50.473	ug/l	97
82) 4-Chlorotoluene	12.987	91	792933	49.387	ug/l	99
83) tert-Butylbenzene	13.207	119	789750	51.763	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	920391	51.300	ug/l	98
85) sec-Butylbenzene	13.384	105	1214064	51.159	ug/l	99
86) p-Isopropyltoluene	13.499	119	980806	50.792	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	486809	50.147	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	467506	48.728	ug/l	98
89) n-Butylbenzene	13.823	91	990593	51.001	ug/l	100
90) Hexachloroethane	14.091	117	176536	50.437	ug/l	94
91) 1,2-Dichlorobenzene	13.871	146	424079	50.088	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.487	75	31571	51.023	ug/l	93
93) 1,2,4-Trichlorobenzene	15.133	180	273888	50.687	ug/l	96
94) Hexachlorobutadiene	15.231	225	163385	51.276	ug/l	97
95) Naphthalene	15.365	128	538686	54.657	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	243373	52.107	ug/l	99

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

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