

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052521\
 Data File : VW019082.D
 Acq On : 25 May 2021 17:30
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/27/2021 10:29:37 AM

Quant Time: May 26 03:14:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W052421S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 24 14:01:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	331940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	543122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	504642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	255767	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	223026	53.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.20%	
35) Dibromofluoromethane	7.891	113	199410	53.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.92%	
50) Toluene-d8	10.323	98	806546	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.16%	
62) 4-Bromofluorobenzene	12.615	95	288743	54.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.76%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	111422	47.66	ug/l	99
3) Chloromethane	2.215	50	126194	48.84	ug/l	99
4) Vinyl Chloride	2.367	62	209257	51.67	ug/l	98
5) Bromomethane	2.782	94	165301	50.45	ug/l	95
6) Chloroethane	2.928	64	136899	50.88	ug/l	98
7) Trichlorofluoromethane	3.263	101	104552	44.49	ug/l	100
8) Diethyl Ether	3.684	74	99186	53.54	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.068	101	183523	51.69	ug/l	98
10) Methyl Iodide	4.275	142	255072	50.59	ug/l	97
11) Tert butyl alcohol	5.190	59	58084	285.41	ug/l	96
12) 1,1-Dichloroethene	4.044	96	189161	51.19	ug/l	93
13) Acrolein	3.897	56	54641	217.30	ug/l	98
14) Allyl chloride	4.672	41	242519	49.12	ug/l	99
15) Acrylonitrile	5.367	53	190188	279.31	ug/l	100
16) Acetone	4.129	43	150935	235.67	ug/l	98
17) Carbon Disulfide	4.391	76	500001	50.03	ug/l	100
18) Methyl Acetate	4.672	43	94803	54.73	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	244424	54.37	ug/l	100
20) Methylene Chloride	4.922	84	252060	66.91	ug/l	92
21) trans-1,2-Dichloroethene	5.428	96	215255	52.22	ug/l	98
22) Diisopropyl ether	6.318	45	505966	52.91	ug/l	97
23) Vinyl Acetate	6.257	43	1740636	276.13	ug/l	99
24) 1,1-Dichloroethane	6.220	63	387839	52.34	ug/l	100
25) 2-Butanone	7.171	43	262697	277.90	ug/l	100
26) 2,2-Dichloropropane	7.165	77	203304	48.00	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	238466	52.66	ug/l	100
28) Bromochloromethane	7.513	49	157609	53.74	ug/l	97
29) Tetrahydrofuran	7.531	42	150638	281.30	ug/l	99
30) Chloroform	7.677	83	396800	53.15	ug/l	95
31) Cyclohexane	7.958	56	298327	47.34	ug/l	99
32) 1,1,1-Trichloroethane	7.872	97	290225	50.54	ug/l	99
36) 1,1-Dichloropropene	8.086	75	309844	51.11	ug/l	99
37) Ethyl Acetate	7.256	43	121686	55.54	ug/l	99
38) Carbon Tetrachloride	8.073	117	274631	51.03	ug/l	97
39) Methylcyclohexane	9.335	83	341847	50.76	ug/l	98
40) Benzene	8.323	78	864747	52.35	ug/l	99

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41) Methacrylonitrile	7.488	41	71146	55.56	ug/l	92
42) 1,2-Dichloroethane	8.403	62	262924	53.94	ug/l	100
43) Isopropyl Acetate	8.427	43	237098	56.13	ug/l	98
44) Trichloroethene	9.092	130	223902	51.55	ug/l	99
45) 1,2-Dichloropropane	9.372	63	214583	53.50	ug/l	98
46) Dibromomethane	9.463	93	114238	54.75	ug/l	99
47) Bromodichloromethane	9.646	83	293926	54.64	ug/l	94
48) Methyl methacrylate	9.439	41	110142	55.76	ug/l	97
49) 1,4-Dioxane	9.457	88	31169	1243.53	ug/l	98
51) 4-Methyl-2-Pentanone	10.213	43	612925	285.65	ug/l	98
52) Toluene	10.390	92	552024	52.44	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	290939	54.36	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	343695	54.14	ug/l	99
55) 1,1,2-Trichloroethane	10.786	97	162146	54.89	ug/l	98
56) Ethyl methacrylate	10.646	69	208504	56.34	ug/l	99
57) 1,3-Dichloropropane	10.933	76	285752	54.20	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	527159	281.95	ug/l	99
59) 2-Hexanone	10.969	43	410717	284.66	ug/l	100
60) Dibromochloromethane	11.128	129	184842	56.06	ug/l	100
61) 1,2-Dibromoethane	11.237	107	150452	54.13	ug/l	95
64) Tetrachloroethene	10.859	164	182110	50.32	ug/l	89
65) Chlorobenzene	11.658	112	577776	51.44	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.731	131	201358	52.45	ug/l	98
67) Ethyl Benzene	11.731	91	1085726	51.01	ug/l	100
68) m/p-Xylenes	11.841	106	821245	105.15	ug/l	99
69) o-Xylene	12.164	106	389567	52.82	ug/l	99
70) Styrene	12.182	104	653006	52.97	ug/l	100
71) Bromoform	12.353	173	99653	53.93	ug/l #	100
73) Isopropylbenzene	12.463	105	1060737	50.81	ug/l	100
74) N-amyl acetate	12.274	43	223652	53.34	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	190707	53.55	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	127276m	52.19	ug/l	
77) Bromobenzene	12.749	156	235077	52.70	ug/l	98
78) n-propylbenzene	12.804	91	1297719	50.18	ug/l	100
79) 2-Chlorotoluene	12.890	91	736541	50.52	ug/l	100
80) 1,3,5-Trimethylbenzene	12.944	105	902158	51.27	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	58203	53.90	ug/l	98
82) 4-Chlorotoluene	12.987	91	783021	50.96	ug/l	100
83) tert-Butylbenzene	13.207	119	772713	51.52	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	898903	51.17	ug/l	98
85) sec-Butylbenzene	13.383	105	1129363	50.17	ug/l	99
86) p-Isopropyltoluene	13.499	119	979594	51.08	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	480831	52.06	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	469764	51.65	ug/l	99
89) n-Butylbenzene	13.822	91	960113	50.05	ug/l	99
90) Hexachloroethane	14.091	117	155331	51.25	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	420225	52.26	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.487	75	31374	55.46	ug/l	96
93) 1,2,4-Trichlorobenzene	15.127	180	280852	50.58	ug/l	96
94) Hexachlorobutadiene	15.237	225	160071	51.01	ug/l	95
95) Naphthalene	15.365	128	530905	54.51	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	243020	51.65	ug/l	99

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

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