

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052421\
 Data File : VW019064.D
 Acq On : 24 May 2021 12:48
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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MMDadoda
 5/25/2021 5:58:35 PM

Quant Time: May 24 13:18:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W052421S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 24 13:14:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	389603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	622041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	576042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	291037	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	249187	61.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.36%	
35) Dibromofluoromethane	7.884	113	223715	63.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.16%	
50) Toluene-d8	10.323	98	908569	64.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.60%	
62) 4-Bromofluorobenzene	12.615	95	322888	64.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.00%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	138175	52.92	ug/l	96
3) Chloromethane	2.215	50	141480	49.13	ug/l	98
4) Vinyl Chloride	2.367	62	241035	55.87	ug/l	99
5) Bromomethane	2.782	94	183769	51.07	ug/l	98
6) Chloroethane	2.928	64	155856	52.77	ug/l	100
7) Trichlorofluoromethane	3.263	101	140388	58.55	ug/l	99
8) Diethyl Ether	3.684	74	109079	52.88	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.074	101	209239	54.41	ug/l	98
10) Methyl Iodide	4.281	142	294595	52.72	ug/l	98
11) Tert butyl alcohol	5.184	59	58961	249.93	ug/l	99
12) 1,1-Dichloroethene	4.044	96	217029	55.41	ug/l	93
13) Acrolein	3.897	56	65937	249.42	ug/l	100
14) Allyl chloride	4.672	41	290446	56.65	ug/l	99
15) Acrylonitrile	5.373	53	202684	261.59	ug/l	99
16) Acetone	4.129	43	184746	285.35	ug/l	98
17) Carbon Disulfide	4.391	76	591082	55.44	ug/l	100
18) Methyl Acetate	4.672	43	98998	52.80	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	266014	53.95	ug/l	100
20) Methylene Chloride	4.915	84	231847	41.51	ug/l	97
21) trans-1,2-Dichloroethene	5.428	96	240796	53.84	ug/l	97
22) Diisopropyl ether	6.311	45	565560	54.35	ug/l	99
23) Vinyl Acetate	6.257	43	1900387	271.98	ug/l	100
24) 1,1-Dichloroethane	6.220	63	430913	53.74	ug/l	100
25) 2-Butanone	7.171	43	279055	267.32	ug/l	100
26) 2,2-Dichloropropane	7.171	77	242116	55.37	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	265817	53.61	ug/l	99
28) Bromochloromethane	7.513	49	166489	51.72	ug/l	99
29) Tetrahydrofuran	7.531	42	160195	263.10	ug/l	98
30) Chloroform	7.677	83	432651	53.11	ug/l	95
31) Cyclohexane	7.958	56	346837	51.65	ug/l	99
32) 1,1,1-Trichloroethane	7.878	97	336851	55.39	ug/l	99
36) 1,1-Dichloropropene	8.086	75	353567	56.22	ug/l	99
37) Ethyl Acetate	7.250	43	130575	53.57	ug/l	98
38) Carbon Tetrachloride	8.073	117	316884	57.23	ug/l	97
39) Methylcyclohexane	9.335	83	396795	57.15	ug/l	99
40) Benzene	8.323	78	962086	54.95	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	76764	56.69	ug/l	91
42) 1,2-Dichloroethane	8.403	62	284152	54.76	ug/l	100
43) Isopropyl Acetate	8.427	43	255349	56.05	ug/l	99
44) Trichloroethene	9.091	130	254422	56.34	ug/l	99
45) 1,2-Dichloropropane	9.372	63	235059	55.40	ug/l	98
46) Dibromomethane	9.457	93	124666	54.25	ug/l	100
47) Bromodichloromethane	9.646	83	319453	55.81	ug/l	95
48) Methyl methacrylate	9.439	41	118274	56.51	ug/l	98
49) 1,4-Dioxane	9.463	88	32293	1204.89	ug/l #	82
51) 4-Methyl-2-Pentanone	10.213	43	646594	274.49	ug/l	99
52) Toluene	10.390	92	616936	55.65	ug/l	98
53) t-1,3-Dichloropropene	10.610	75	326092	57.67	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	385997	57.31	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	173353	54.44	ug/l	98
56) Ethyl methacrylate	10.646	69	227957	56.83	ug/l	99
57) 1,3-Dichloropropane	10.933	76	312264	54.96	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	563460	273.99	ug/l	99
59) 2-Hexanone	10.969	43	444434	282.72	ug/l	100
60) Dibromochloromethane	11.128	129	195419	55.17	ug/l	96
61) 1,2-Dibromoethane	11.237	107	167636	54.87	ug/l	99
64) Tetrachloroethene	10.866	164	206014	54.38	ug/l	93
65) Chlorobenzene	11.658	112	644843	54.35	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	228742	56.44	ug/l	96
67) Ethyl Benzene	11.731	91	1243807	56.59	ug/l	100
68) m/p-Xylenes	11.841	106	916527	111.42	ug/l	98
69) o-Xylene	12.164	106	430487	56.10	ug/l	100
70) Styrene	12.182	104	745077	57.03	ug/l	99
71) Bromoform	12.347	173	109070	54.03	ug/l #	99
73) Isopropylbenzene	12.463	105	1181425	54.97	ug/l	99
74) N-amyl acetate	12.274	43	247812	55.52	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.713	83	204195	52.99	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	136962m	50.53	ug/l	
77) Bromobenzene	12.749	156	252069	53.39	ug/l	96
78) n-propylbenzene	12.804	91	1483457	56.27	ug/l	100
79) 2-Chlorotoluene	12.890	91	827754	55.19	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	1023754	55.94	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	64567	56.27	ug/l	98
82) 4-Chlorotoluene	12.987	91	881428	55.27	ug/l	99
83) tert-Butylbenzene	13.207	119	875450	56.58	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	1031646	56.71	ug/l	99
85) sec-Butylbenzene	13.383	105	1299733	56.71	ug/l	99
86) p-Isopropyltoluene	13.499	119	1144209	57.70	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	523361	54.24	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	524978	54.80	ug/l	100
89) n-Butylbenzene	13.822	91	1126307	57.69	ug/l	100
90) Hexachloroethane	14.091	117	179969	57.88	ug/l	96
91) 1,2-Dichlorobenzene	13.871	146	467700	54.60	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	33627	54.43	ug/l	95
93) 1,2,4-Trichlorobenzene	15.127	180	318505	55.15	ug/l	98
94) Hexachlorobutadiene	15.237	225	185534	56.04	ug/l	93
95) Naphthalene	15.365	128	580931	55.53	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	274939	55.19	ug/l	99

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

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