

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051921\
 Data File : VW019018.D
 Acq On : 18 May 2021 14:18
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 5:58:33 PM

Quant Time: May 19 06:20:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 06:19:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	409775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.847	114	709206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.633	117	633156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	310317	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	30621	7.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	15.80%	
35) Dibromofluoromethane	7.884	113	27601	7.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	15.34%	
50) Toluene-d8	10.323	98	105745	7.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	15.02%	
62) 4-Bromofluorobenzene	12.621	95	38323	7.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	15.40%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.013	85	25371	9.39	ug/l	94
3) Chloromethane	2.214	50	29181	9.83	ug/l	99
4) Vinyl Chloride	2.367	62	43681	9.77	ug/l	100
5) Bromomethane	2.781	94	36260	9.68	ug/l	97
6) Chloroethane	2.928	64	31214	10.24	ug/l	98
7) Trichlorofluoromethane	3.263	101	23351	9.63	ug/l	98
8) Diethyl Ether	3.684	74	21347	9.98	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.074	101	41309	10.18	ug/l #	45
10) Methyl Iodide	4.275	142	56656	9.72	ug/l	99
11) Tert butyl alcohol	5.177	59	13310	52.44	ug/l	99
12) 1,1-Dichloroethene	4.049	96	39410	9.74	ug/l	91
13) Acrolein	3.897	56	15228	54.03	ug/l	100
14) Allyl chloride	4.671	41	51042	9.70	ug/l	99
15) Acrylonitrile	5.372	53	42441	52.84	ug/l	98
16) Acetone	4.129	43	34531	51.18	ug/l	100
17) Carbon Disulfide	4.391	76	107018	9.80	ug/l	100
18) Methyl Acetate	4.671	43	19895	10.21	ug/l	98
19) Methyl tert-butyl Ether	5.427	73	52063	10.17	ug/l	98
20) Methylene Chloride	4.915	84	66717	10.10	ug/l	95
21) trans-1,2-Dichloroethene	5.427	96	45928	9.87	ug/l	95
22) Diisopropyl ether	6.311	45	107006	10.00	ug/l	94
23) Vinyl Acetate	6.256	43	357662	50.96	ug/l	99
24) 1,1-Dichloroethane	6.220	63	84080	10.02	ug/l	98
25) 2-Butanone	7.171	43	55571	51.72	ug/l	99
26) 2,2-Dichloropropane	7.165	77	45735	9.94	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	50941	9.91	ug/l	98
28) Bromochloromethane	7.512	49	34510	10.07	ug/l	99
29) Tetrahydrofuran	7.537	42	33042	53.01	ug/l	98
30) Chloroform	7.677	83	84662	9.96	ug/l	94
31) Cyclohexane	7.951	56	72937	10.01	ug/l #	87
32) 1,1,1-Trichloroethane	7.872	97	62721	9.92	ug/l	97
36) 1,1-Dichloropropene	8.085	75	67416	9.56	ug/l	99
37) Ethyl Acetate	7.256	43	28502	10.48	ug/l	99
38) Carbon Tetrachloride	8.067	117	58148	9.50	ug/l	94
39) Methylcyclohexane	9.335	83	73170	9.51	ug/l	97
40) Benzene	8.323	78	190183	9.64	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	12677	9.12	ug/l	94
42) 1,2-Dichloroethane	8.402	62	56766	9.80	ug/l	100
43) Isopropyl Acetate	8.427	43	48109	9.86	ug/l	99
44) Trichloroethene	9.091	130	48264	9.65	ug/l	93
45) 1,2-Dichloropropane	9.372	63	45992	9.70	ug/l	99
46) Dibromomethane	9.457	93	25453	9.94	ug/l	97
47) Bromodichloromethane	9.646	83	60095	9.61	ug/l	99
48) Methyl methacrylate	9.439	41	21717	9.79	ug/l	96
49) 1,4-Dioxane	9.457	88	5930	205.93	ug/l	93
51) 4-Methyl-2-Pentanone	10.207	43	129502	50.27	ug/l	99
52) Toluene	10.390	92	116763	9.45	ug/l	97
53) t-1,3-Dichloropropene	10.609	75	57766	9.67	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	70208	9.67	ug/l	100
55) 1,1,2-Trichloroethane	10.786	97	35072	9.95	ug/l	95
56) Ethyl methacrylate	10.646	69	40788	9.68	ug/l	100
57) 1,3-Dichloropropane	10.932	76	62887	9.94	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.926	63	112655	50.33	ug/l	99
59) 2-Hexanone	10.969	43	87126	51.59	ug/l	98
60) Dibromochloromethane	11.127	129	36282	9.56	ug/l	96
61) 1,2-Dibromoethane	11.237	107	32566	9.75	ug/l	99
64) Tetrachloroethene	10.865	164	39631	9.70	ug/l	87
65) Chlorobenzene	11.658	112	125013	9.77	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	41954	9.83	ug/l	98
67) Ethyl Benzene	11.731	91	226740	9.58	ug/l	97
68) m/p-Xylenes	11.841	106	173341	19.49	ug/l	98
69) o-Xylene	12.164	106	80286	9.88	ug/l	98
70) Styrene	12.182	104	132793	9.66	ug/l	100
71) Bromoform	12.347	173	20320	9.87	ug/l #	94
73) Isopropylbenzene	12.463	105	217447	9.72	ug/l	99
74) N-amyl acetate	12.274	43	44148	9.91	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	41210	10.12	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	26678m	9.35	ug/l	
77) Bromobenzene	12.743	156	47428	9.60	ug/l	94
78) n-propylbenzene	12.804	91	273773	9.81	ug/l	99
79) 2-Chlorotoluene	12.889	91	154415	9.80	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	185685	9.67	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.511	75	10475	9.42	ug/l	96
82) 4-Chlorotoluene	12.987	91	164633	9.83	ug/l	99
83) tert-Butylbenzene	13.206	119	152425	9.50	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	182684	9.57	ug/l	100
85) sec-Butylbenzene	13.383	105	232924	9.66	ug/l	100
86) p-Isopropyltoluene	13.499	119	197149	9.50	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	101135	9.89	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	99182	9.83	ug/l	97
89) n-Butylbenzene	13.822	91	195580	9.52	ug/l	100
90) Hexachloroethane	14.090	117	29730	9.38	ug/l	98
91) 1,2-Dichlorobenzene	13.865	146	87659	9.65	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	6345	10.00	ug/l	99
93) 1,2,4-Trichlorobenzene	15.127	180	58241	9.68	ug/l	98
94) Hexachlorobutadiene	15.230	225	32634	9.24	ug/l	96
95) Naphthalene	15.365	128	106921	9.91	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	50402	9.67	ug/l	96

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

