

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051921\
 Data File : VW019022.D
 Acq On : 18 May 2021 15:54
 Operator : SY/VA
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Manual Integrations
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 5/20/2021 5:58:40 PM

Quant Time: May 19 06:23:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 06:19:30 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.951	168	415282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	672231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	631721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	311900	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	725234	184.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	369.32%	
35) Dibromofluoromethane	7.884	113	664303	194.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	389.76%	
50) Toluene-d8	10.323	98	2636556	197.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	395.10%	
62) 4-Bromofluorobenzene	12.615	95	971162	205.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	411.64%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	430624	157.27	ug/l	99
3) Chloromethane	2.215	50	500208	166.26	ug/l	100
4) Vinyl Chloride	2.367	62	679560	149.94	ug/l	100
5) Bromomethane	2.776	94	556456	146.62	ug/l	99
6) Chloroethane	2.922	64	483609	156.56	ug/l	99
7) Trichlorofluoromethane	3.257	101	397292	161.72	ug/l	99
8) Diethyl Ether	3.678	74	330954	152.72	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.068	101	586597	142.67	ug/l	99
10) Methyl Iodide	4.281	142	902242	152.69	ug/l	100
11) Tert butyl alcohol	5.190	59	170266	661.99	ug/l	99
12) 1,1-Dichloroethene	4.044	96	630110	153.74	ug/l	91
13) Acrolein	3.897	56	202717	709.71	ug/l	99
14) Allyl chloride	4.665	41	820875	153.91	ug/l	100
15) Acrylonitrile	5.367	53	624277	766.99	ug/l	100
16) Acetone	4.129	43	470762	688.55	ug/l	99
17) Carbon Disulfide	4.385	76	1751071	158.22	ug/l	99
18) Methyl Acetate	4.672	43	290862	147.23	ug/l	99
19) Methyl tert-butyl Ether	5.421	73	778173	150.04	ug/l	99
20) Methylene Chloride	4.915	84	672010	100.43	ug/l	96
21) trans-1,2-Dichloroethene	5.421	96	707138	149.99	ug/l	97
22) Diisopropyl ether	6.312	45	1679105	154.91	ug/l	97
23) Vinyl Acetate	6.257	43	5964068	838.45	ug/l	100
24) 1,1-Dichloroethane	6.220	63	1265471	148.87	ug/l	100
25) 2-Butanone	7.171	43	831140	763.28	ug/l	99
26) 2,2-Dichloropropane	7.165	77	648088	138.99	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	800306	153.58	ug/l	98
28) Bromochloromethane	7.513	49	520347	149.88	ug/l	97
29) Tetrahydrofuran	7.531	42	493650	781.41	ug/l	99
30) Chloroform	7.677	83	1288035	149.57	ug/l	96
31) Cyclohexane	7.958	56	961240	130.18	ug/l	97
32) 1,1,1-Trichloroethane	7.872	97	947609	147.82	ug/l	100
36) 1,1-Dichloropropene	8.079	75	1010697	151.19	ug/l	99
37) Ethyl Acetate	7.250	43	398095	154.44	ug/l	99
38) Carbon Tetrachloride	8.067	117	924650	159.42	ug/l	99
39) Methylcyclohexane	9.335	83	1145580	157.14	ug/l	98
40) Benzene	8.323	78	2796098	149.46	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	247184	187.55	ug/l	91
42) 1,2-Dichloroethane	8.403	62	859089	156.49	ug/l	100
43) Isopropyl Acetate	8.421	43	799784	172.89	ug/l	98
44) Trichloroethene	9.092	130	747582	157.71	ug/l	98
45) 1,2-Dichloropropane	9.366	63	689805	153.46	ug/l	98
46) Dibromomethane	9.457	93	378888	156.13	ug/l	97
47) Bromodichloromethane	9.646	83	980026	165.38	ug/l	96
48) Methyl methacrylate	9.433	41	373807	177.69	ug/l	98
49) 1,4-Dioxane	9.457	88	89089	3264.00	ug/l #	84
51) 4-Methyl-2-Pentanone	10.207	43	1990145	814.97	ug/l	100
52) Toluene	10.390	92	1826808	155.95	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	1015484	179.34	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	1154816	167.74	ug/l	97
55) 1,1,2-Trichloroethane	10.786	97	525829	157.35	ug/l	100
56) Ethyl methacrylate	10.646	69	734881	183.94	ug/l	99
57) 1,3-Dichloropropane	10.933	76	939766	156.73	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	1784299	841.03	ug/l	98
59) 2-Hexanone	10.969	43	1354815	846.37	ug/l	99
60) Dibromochloromethane	11.134	129	629918	175.02	ug/l	96
61) 1,2-Dibromoethane	11.237	107	525491	166.00	ug/l	99
64) Tetrachloroethene	10.866	164	613569	150.46	ug/l	95
65) Chlorobenzene	11.658	112	1954105	153.06	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	694185	163.07	ug/l	99
67) Ethyl Benzene	11.731	91	3571970	151.29	ug/l	98
68) m/p-Xylenes	11.841	106	2665715	300.44	ug/l	99
69) o-Xylene	12.164	106	1312015	161.81	ug/l	98
70) Styrene	12.182	104	2246727	163.81	ug/l	100
71) Bromoform	12.353	173	378227	184.14	ug/l #	99
73) Isopropylbenzene	12.463	105	3573717	159.02	ug/l	99
74) N-amyl acetate	12.274	43	794529	177.46	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	619258	151.36	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	415935m	145.05	ug/l	
77) Bromobenzene	12.743	156	792191	159.55	ug/l	100
78) n-propylbenzene	12.804	91	4149415	147.99	ug/l	98
79) 2-Chlorotoluene	12.890	91	2422574	153.03	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	2926374	151.60	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	213212	190.73	ug/l	96
82) 4-Chlorotoluene	12.987	91	2538834	150.79	ug/l	98
83) tert-Butylbenzene	13.207	119	2519609	156.26	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	2907927	151.54	ug/l	100
85) sec-Butylbenzene	13.383	105	3623343	149.43	ug/l	99
86) p-Isopropyltoluene	13.499	119	3143413	150.63	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	1516884	147.64	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	1544091	152.20	ug/l	96
89) n-Butylbenzene	13.822	91	3095265	149.91	ug/l	99
90) Hexachloroethane	14.091	117	526172	165.14	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	1340218	146.81	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	103650	162.60	ug/l	99
93) 1,2,4-Trichlorobenzene	15.127	180	930364	153.86	ug/l	98
94) Hexachlorobutadiene	15.231	225	508143	143.20	ug/l	94
95) Naphthalene	15.365	128	1762662	162.57	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	806097	153.84	ug/l	100

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

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