

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051921\
 Data File : VW019020.D
 Acq On : 18 May 2021 15:06
 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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 5/20/2021 5:58:36 PM

Quant Time: May 19 06:22:15 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	7.952	168	386809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	630137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	578421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	291198	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	217816	59.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.08%	
35) Dibromofluoromethane	7.885	113	201344	63.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.02%	
50) Toluene-d8	10.323	98	802139	64.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.24%	
62) 4-Bromofluorobenzene	12.622	95	287297	64.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.92%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	140724	55.18	ug/l	100
3) Chloromethane	2.215	50	149497	53.35	ug/l	100
4) Vinyl Chloride	2.367	62	228156	54.05	ug/l	100
5) Bromomethane	2.782	94	177880	50.32	ug/l	100
6) Chloroethane	2.928	64	149900	52.10	ug/l	100
7) Trichlorofluoromethane	3.263	101	125700	54.93	ug/l	100
8) Diethyl Ether	3.684	74	103118	51.09	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.068	101	195554	51.06	ug/l	100
10) Methyl Iodide	4.282	142	291032	52.88	ug/l	100
11) Tert butyl alcohol	5.178	59	51774	216.11	ug/l	100
12) 1,1-Dichloroethene	4.050	96	204612	53.60	ug/l	100
13) Acrolein	3.897	56	62588	235.25	ug/l	100
14) Allyl chloride	4.672	41	264976	53.34	ug/l	100
15) Acrylonitrile	5.367	53	189963	250.57	ug/l	100
16) Acetone	4.129	43	149640	234.98	ug/l	100
17) Carbon Disulfide	4.397	76	569032	55.20	ug/l	100
18) Methyl Acetate	4.672	43	87559	47.58	ug/l	100
19) Methyl tert-butyl Ether	5.428	73	246574	51.04	ug/l	100
20) Methylene Chloride	4.922	84	235857	37.84	ug/l	100
21) trans-1,2-Dichloroethene	5.428	96	227425	51.79	ug/l	100
22) Diisopropyl ether	6.312	45	520836	51.59	ug/l	100
23) Vinyl Acetate	6.257	43	1771987	267.45	ug/l	100
24) 1,1-Dichloroethane	6.220	63	408168	51.55	ug/l	100
25) 2-Butanone	7.171	43	250788	247.27	ug/l	100
26) 2,2-Dichloropropane	7.171	77	214429	49.37	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	252367	51.99	ug/l	100
28) Bromochloromethane	7.513	49	170257	52.65	ug/l	100
29) Tetrahydrofuran	7.531	42	146098	248.28	ug/l	100
30) Chloroform	7.677	83	411377	51.29	ug/l	100
31) Cyclohexane	7.958	56	325152	47.28	ug/l	100
32) 1,1,1-Trichloroethane	7.872	97	311321	52.14	ug/l	100
36) 1,1-Dichloropropene	8.086	75	329499	52.58	ug/l	100
37) Ethyl Acetate	7.257	43	119817	49.59	ug/l	100
38) Carbon Tetrachloride	8.067	117	297383	54.70	ug/l	100
39) Methylcyclohexane	9.336	83	374596	54.82	ug/l	100
40) Benzene	8.324	78	915519	52.21	ug/l	100

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41) Methacrylonitrile	7.482	41	63913	51.73	ug/l	100
42) 1,2-Dichloroethane	8.403	62	270690	52.60	ug/l	100
43) Isopropyl Acetate	8.427	43	232426	53.60	ug/l	100
44) Trichloroethene	9.092	130	242084	54.48	ug/l	100
45) 1,2-Dichloropropane	9.366	63	221726	52.62	ug/l	100
46) Dibromomethane	9.457	93	119060	52.34	ug/l	100
47) Bromodichloromethane	9.646	83	301887	54.35	ug/l	100
48) Methyl methacrylate	9.439	41	107484	54.51	ug/l	100
49) 1,4-Dioxane	9.457	88	27371	1069.79	ug/l	100
51) 4-Methyl-2-Pentanone	10.207	43	594218	259.59	ug/l	100
52) Toluene	10.390	92	592101	53.92	ug/l	100
53) t-1,3-Dichloropropene	10.604	75	301755	56.85	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	356646	55.26	ug/l	100
55) 1,1,2-Trichloroethane	10.786	97	163061	52.05	ug/l	100
56) Ethyl methacrylate	10.646	69	211536	56.48	ug/l	100
57) 1,3-Dichloropropane	10.933	76	298083	53.03	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	548303	275.71	ug/l	100
59) 2-Hexanone	10.969	43	400171	266.69	ug/l	100
60) Dibromochloromethane	11.128	129	190412	56.44	ug/l	100
61) 1,2-Dibromoethane	11.238	107	160151	53.97	ug/l	100
64) Tetrachloroethene	10.866	164	192917	51.67	ug/l	100
65) Chlorobenzene	11.658	112	604083	51.68	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	213649	54.81	ug/l	100
67) Ethyl Benzene	11.731	91	1157484	53.54	ug/l	100
68) m/p-Xylenes	11.841	106	871098	107.22	ug/l	100
69) o-Xylene	12.164	106	408417	55.01	ug/l	100
70) Styrene	12.183	104	695211	55.36	ug/l	100
71) Bromoform	12.347	173	106167	56.45	ug/l	100
73) Isopropylbenzene	12.463	105	1134162	54.05	ug/l	100
74) N-amyl acetate	12.274	43	228872	54.75	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.713	83	193187	50.58	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	150832m	56.34	ug/l	
77) Bromobenzene	12.750	156	246567	53.19	ug/l	100
78) n-propylbenzene	12.804	91	1399426	53.46	ug/l	100
79) 2-Chlorotoluene	12.890	91	786842	53.24	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	966061	53.60	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	58599	56.15	ug/l	100
82) 4-Chlorotoluene	12.987	91	829363	52.76	ug/l	100
83) tert-Butylbenzene	13.207	119	813004	54.01	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	966570	53.95	ug/l	100
85) sec-Butylbenzene	13.384	105	1214280	53.64	ug/l	100
86) p-Isopropyltoluene	13.499	119	1077440	55.30	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	510441	53.21	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	491693	51.91	ug/l	100
89) n-Butylbenzene	13.823	91	1053799	54.67	ug/l	100
90) Hexachloroethane	14.091	117	169257	56.90	ug/l	100
91) 1,2-Dichlorobenzene	13.865	146	446664	52.41	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.481	75	31138	52.32	ug/l	100
93) 1,2,4-Trichlorobenzene	15.133	180	292667	51.84	ug/l	100
94) Hexachlorobutadiene	15.231	225	177994	53.73	ug/l	100
95) Naphthalene	15.359	128	551390	54.47	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	258190	52.78	ug/l	100

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

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