

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052121\
 Data File : VW019043.D
 Acq On : 20 May 2021 10:41
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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5/21/2021 1:48:53 PM

Quant Time: May 21 05:01:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 20 03:59:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	404806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	655311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	593544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	290275	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	231900	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
35) Dibromofluoromethane	7.885	113	211329	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
50) Toluene-d8	10.323	98	851184	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.615	95	306995	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	132432	48.59	ug/l	96
3) Chloromethane	2.215	50	159785	52.84	ug/l	100
4) Vinyl Chloride	2.367	62	252441	56.81	ug/l	99
5) Bromomethane	2.782	94	200115	53.75	ug/l	94
6) Chloroethane	2.928	64	161712	52.99	ug/l	98
7) Trichlorofluoromethane	3.257	101	144961	59.32	ug/l	98
8) Diethyl Ether	3.684	74	111335	52.38	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.074	101	215213	54.45	ug/l	99
10) Methyl Iodide	4.282	142	314150	54.15	ug/l	99
11) Tert butyl alcohol	5.184	59	57485	260.40	ug/l	98
12) 1,1-Dichloroethene	4.044	96	223934	55.54	ug/l	91
13) Acrolein	3.898	56	65156	238.95	ug/l	98
14) Allyl chloride	4.666	41	299886	57.17	ug/l	99
15) Acrylonitrile	5.367	53	208707	261.81	ug/l	99
16) Acetone	4.129	43	192262	296.18	ug/l	99
17) Carbon Disulfide	4.385	76	635053	57.65	ug/l	98
18) Methyl Acetate	4.672	43	97784	51.18	ug/l	100
19) Methyl tert-butyl Ether	5.422	73	278403	55.00	ug/l	98
20) Methylene Chloride	4.922	84	247200	52.62	ug/l	98
21) trans-1,2-Dichloroethene	5.422	96	247308	53.69	ug/l	95
22) Diisopropyl ether	6.312	45	574172	53.81	ug/l	98
23) Vinyl Acetate	6.251	43	1922515	267.76	ug/l	99
24) 1,1-Dichloroethane	6.214	63	441741	53.46	ug/l	99
25) 2-Butanone	7.171	43	277513	260.26	ug/l	100
26) 2,2-Dichloropropane	7.165	77	249374	56.01	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	274644	53.73	ug/l	99
28) Bromochloromethane	7.513	49	174432	51.89	ug/l	100
29) Tetrahydrofuran	7.531	42	159997	256.57	ug/l	99
30) Chloroform	7.677	83	450050	53.57	ug/l	98
31) Cyclohexane	7.958	56	354722	51.33	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	349102	55.97	ug/l	98
36) 1,1-Dichloropropene	8.080	75	359673	55.12	ug/l	99
37) Ethyl Acetate	7.251	43	132659	52.55	ug/l	99
38) Carbon Tetrachloride	8.068	117	327574	56.96	ug/l	99
39) Methylcyclohexane	9.336	83	406179	56.26	ug/l	97
40) Benzene	8.324	78	993583	54.47	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	79699	57.81	ug/l	90
42) 1,2-Dichloroethane	8.403	62	293194	54.22	ug/l	100
43) Isopropyl Acetate	8.421	43	253227	53.79	ug/l	100
44) Trichloroethene	9.092	130	261582	55.61	ug/l	99
45) 1,2-Dichloropropane	9.372	63	239737	54.33	ug/l	100
46) Dibromomethane	9.457	93	129724	54.15	ug/l	98
47) Bromodichloromethane	9.646	83	331099	55.60	ug/l	99
48) Methyl methacrylate	9.433	41	117587	54.39	ug/l	99
49) 1,4-Dioxane	9.464	88	29587	1083.41	ug/l #	82
51) 4-Methyl-2-Pentanone	10.207	43	635380	260.46	ug/l	100
52) Toluene	10.384	92	632040	54.65	ug/l	98
53) t-1,3-Dichloropropene	10.604	75	332694	56.80	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	386771	55.44	ug/l	98
55) 1,1,2-Trichloroethane	10.787	97	179513	54.21	ug/l	94
56) Ethyl methacrylate	10.646	69	226821	54.55	ug/l	99
57) 1,3-Dichloropropane	10.933	76	318148	53.72	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.921	63	582419	270.78	ug/l	99
59) 2-Hexanone	10.969	43	439103	270.82	ug/l	100
60) Dibromochloromethane	11.128	129	206743	55.79	ug/l	100
61) 1,2-Dibromoethane	11.232	107	170551	53.55	ug/l	98
64) Tetrachloroethene	10.860	164	216538	56.16	ug/l	92
65) Chlorobenzene	11.658	112	658022	54.49	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	231360	56.14	ug/l	99
67) Ethyl Benzene	11.731	91	1238863	55.47	ug/l	94
68) m/p-Xylenes	11.841	106	950122	113.22	ug/l	99
69) o-Xylene	12.164	106	440605	56.31	ug/l	98
70) Styrene	12.183	104	751255	56.57	ug/l	100
71) Bromoform	12.353	173	112670	54.47	ug/l	99
73) Isopropylbenzene	12.463	105	1228342	57.73	ug/l	100
74) N-amyl acetate	12.274	43	245318	55.90	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	209477	55.03	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	133296m	48.63	ug/l	
77) Bromobenzene	12.750	156	264345	56.36	ug/l	97
78) n-propylbenzene	12.804	91	1498273	57.60	ug/l	99
79) 2-Chlorotoluene	12.890	91	842732	56.86	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	1036504	57.39	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	64640	57.48	ug/l	99
82) 4-Chlorotoluene	12.987	91	891790	56.69	ug/l	98
83) tert-Butylbenzene	13.207	119	898794	59.04	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	1032985	57.62	ug/l	98
85) sec-Butylbenzene	13.384	105	1305776	57.84	ug/l	100
86) p-Isopropyltoluene	13.499	119	1134476	58.02	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	544963	56.89	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	541345	57.33	ug/l	98
89) n-Butylbenzene	13.823	91	1122788	58.39	ug/l	99
90) Hexachloroethane	14.091	117	179993	58.72	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	472554	55.78	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	33447	55.03	ug/l	98
93) 1,2,4-Trichlorobenzene	15.133	180	316473	55.78	ug/l	99
94) Hexachlorobutadiene	15.231	225	191282	58.37	ug/l	97
95) Naphthalene	15.365	128	587669	56.86	ug/l	100
96) 1,2,3-Trichlorobenzene	15.548	180	271626	55.29	ug/l	97

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

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