

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052421\
 Data File : VW019074.D
 Acq On : 24 May 2021 19:09
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/25/2021 5:58:52 PM

Quant Time: May 25 04:18:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W052421S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 24 14:01:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	346177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	590983	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.633	117	548754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	287531	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	238093	54.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.74%	
35) Dibromofluoromethane	7.884	113	210088	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.48%	
50) Toluene-d8	10.323	98	832419	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.621	95	303164	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	121389	49.78	ug/l	97
3) Chloromethane	2.214	50	129885	48.20	ug/l	100
4) Vinyl Chloride	2.367	62	214095	50.69	ug/l	98
5) Bromomethane	2.781	94	160758	47.05	ug/l	99
6) Chloroethane	2.928	64	138011	49.18	ug/l	96
7) Trichlorofluoromethane	3.263	101	107654	43.92	ug/l	96
8) Diethyl Ether	3.684	74	102422	53.01	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.074	101	185366	50.06	ug/l	99
10) Methyl Iodide	4.275	142	265409	50.48	ug/l	98
11) Tert butyl alcohol	5.171	59	60858	286.74	ug/l	99
12) 1,1-Dichloroethene	4.049	96	188250	48.85	ug/l	91
13) Acrolein	3.897	56	68453	261.03	ug/l	100
14) Allyl chloride	4.671	41	249032	48.36	ug/l	98
15) Acrylonitrile	5.366	53	204195	287.55	ug/l	99
16) Acetone	4.123	43	161259	241.43	ug/l	98
17) Carbon Disulfide	4.391	76	510632	48.99	ug/l	99
18) Methyl Acetate	4.671	43	96809	53.58	ug/l	99
19) Methyl tert-butyl Ether	5.427	73	249728	53.26	ug/l	99
20) Methylene Chloride	4.927	84	245532	62.08	ug/l	98
21) trans-1,2-Dichloroethene	5.427	96	216411	50.34	ug/l	95
22) Diisopropyl ether	6.311	45	513606	51.50	ug/l	99
23) Vinyl Acetate	6.256	43	1817087	276.40	ug/l	100
24) 1,1-Dichloroethane	6.220	63	392222	50.75	ug/l	100
25) 2-Butanone	7.171	43	276517	280.49	ug/l	98
26) 2,2-Dichloropropane	7.165	77	201585	45.63	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	244552	51.78	ug/l	99
28) Bromochloromethane	7.512	49	164132	53.66	ug/l	# 12
29) Tetrahydrofuran	7.530	42	161514	289.20	ug/l	99
30) Chloroform	7.677	83	399410	51.30	ug/l	97
31) Cyclohexane	7.957	56	300294	45.69	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	298229	49.80	ug/l	99
36) 1,1-Dichloropropene	8.079	75	312113	47.32	ug/l	99
37) Ethyl Acetate	7.256	43	127803	53.61	ug/l	99
38) Carbon Tetrachloride	8.073	117	278480	47.55	ug/l	94
39) Methylcyclohexane	9.335	83	346040	47.22	ug/l	98
40) Benzene	8.329	78	883696	49.16	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	75773	54.38	ug/l	92
42) 1,2-Dichloroethane	8.402	62	268945	50.71	ug/l	100
43) Isopropyl Acetate	8.427	43	250793	54.57	ug/l	98
44) Trichloroethene	9.091	130	223855	47.37	ug/l	94
45) 1,2-Dichloropropane	9.372	63	215634	49.41	ug/l	98
46) Dibromomethane	9.463	93	118990	52.41	ug/l	99
47) Bromodichloromethane	9.646	83	297479	50.82	ug/l	95
48) Methyl methacrylate	9.433	41	115715	53.84	ug/l	97
49) 1,4-Dioxane	9.451	88	32527	1192.61	ug/l	99
51) 4-Methyl-2-Pentanone	10.207	43	644142	275.88	ug/l	99
52) Toluene	10.390	92	561791	49.05	ug/l	98
53) t-1,3-Dichloropropene	10.603	75	302218	51.89	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	349169	50.55	ug/l	97
55) 1,1,2-Trichloroethane	10.786	97	167157	52.01	ug/l	99
56) Ethyl methacrylate	10.646	69	220502	54.76	ug/l	100
57) 1,3-Dichloropropane	10.932	76	294815	51.39	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.926	63	565541	277.98	ug/l	99
59) 2-Hexanone	10.969	43	438114	279.05	ug/l	99
60) Dibromochloromethane	11.127	129	189326	52.77	ug/l	98
61) 1,2-Dibromoethane	11.237	107	159029	52.58	ug/l	99
64) Tetrachloroethene	10.865	164	184371	46.85	ug/l	95
65) Chlorobenzene	11.658	112	592743	48.53	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	205420	49.21	ug/l	98
67) Ethyl Benzene	11.731	91	1113322	48.10	ug/l	99
68) m/p-Xylenes	11.841	106	833347	98.13	ug/l	99
69) o-Xylene	12.164	106	397819	49.60	ug/l	99
70) Styrene	12.182	104	665885	49.68	ug/l	99
71) Bromoform	12.347	173	104693	52.10	ug/l #	99
73) Isopropylbenzene	12.463	105	1088782	46.39	ug/l	99
74) N-amyl acetate	12.274	43	238719	50.64	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.719	83	199882	49.92	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	133048m	48.53	ug/l	
77) Bromobenzene	12.749	156	233904	46.65	ug/l	95
78) n-propylbenzene	12.804	91	1330402	45.76	ug/l	99
79) 2-Chlorotoluene	12.889	91	758008	46.24	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	926368	46.83	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.511	75	60265	49.64	ug/l	100
82) 4-Chlorotoluene	12.987	91	802182	46.44	ug/l	100
83) tert-Butylbenzene	13.206	119	802647	47.60	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	931189	47.15	ug/l	100
85) sec-Butylbenzene	13.383	105	1165022	46.03	ug/l	99
86) p-Isopropyltoluene	13.499	119	1022020	47.40	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	488298	47.03	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	476155	46.57	ug/l	100
89) n-Butylbenzene	13.822	91	992793	46.03	ug/l	99
90) Hexachloroethane	14.090	117	159299	46.76	ug/l	96
91) 1,2-Dichlorobenzene	13.871	146	429020	47.46	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.480	75	33294	52.35	ug/l	97
93) 1,2,4-Trichlorobenzene	15.133	180	283330	45.39	ug/l	99
94) Hexachlorobutadiene	15.230	225	160197	45.41	ug/l	93
95) Naphthalene	15.364	128	570937	52.14	ug/l	100
96) 1,2,3-Trichlorobenzene	15.553	180	257430	48.67	ug/l	99

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

