

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061019\
 Data File : VW010736.D
 Acq On : 10 Jun 2019 10:44
 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
 APPROVED

MMDadoda
 6/11/2019 1:02:16 PM

Quant Time: Jun 11 05:37:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	293361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	467972	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	410126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	191500	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	166837	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	7.88	113	133677	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
50) Toluene-d8	10.32	98	559546	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.62	95	203099	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	112124	41.360	ug/l	98
3) Chloromethane	2.21	50	164414	41.222	ug/l	97
4) Vinyl Chloride	2.35	62	156425	42.449	ug/l	97
5) Bromomethane	2.76	94	85997	42.496	ug/l	97
6) Chloroethane	2.91	64	97141	43.916	ug/l	100
7) Trichlorofluoromethane	3.25	101	226564	47.363	ug/l	100
8) Diethyl Ether	3.68	74	72516	42.420	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	137690	46.818	ug/l	99
10) Methyl Iodide	4.27	142	120053	40.622	ug/l	98
11) Tert butyl alcohol	5.17	59	59353	210.699	ug/l	98
12) 1,1-Dichloroethene	4.03	96	130827	46.114	ug/l	96
13) Acrolein	3.90	56	36103	313.639	ug/l	99
14) Allyl chloride	4.67	41	304616	48.696	ug/l	98
15) Acrylonitrile	5.37	53	171453	206.447	ug/l	100
16) Acetone	4.13	43	250927	270.833	ug/l	98
17) Carbon Disulfide	4.37	76	419649	46.597	ug/l	98
18) Methyl Acetate	4.67	43	79672	39.948	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	358406	43.802	ug/l	99
20) Methylene Chloride	4.91	84	139399	42.889	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	149023	46.272	ug/l	94
22) Diisopropyl ether	6.31	45	584737	46.691	ug/l	99
23) Vinyl Acetate	6.26	43	1732126	229.182	ug/l	100
24) 1,1-Dichloroethane	6.21	63	298021	47.485	ug/l	99
25) 2-Butanone	7.17	43	309021	240.536	ug/l	97
26) 2,2-Dichloropropane	7.16	77	263566	51.609	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	163090	46.015	ug/l	97
28) Bromochloromethane	7.51	49	134595	48.055	ug/l	96
29) Tetrahydrofuran	7.53	42	162446	201.027	ug/l	99
30) Chloroform	7.68	83	268619	46.793	ug/l	98
31) Cyclohexane	7.95	56	311919	44.709	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	243995	48.658	ug/l	100
36) 1,1-Dichloropropene	8.08	75	231810	48.392	ug/l	99
37) Ethyl Acetate	7.25	43	111655	42.063	ug/l	99
38) Carbon Tetrachloride	8.07	117	207436	50.164	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	290468	47.700	ug/l	98
40) Benzene	8.32	78	616978	47.213	ug/l	99
41) Methacrylonitrile	7.48	41	76381	48.410	ug/l	93
42) 1,2-Dichloroethane	8.40	62	193449	46.642	ug/l	99
43) Isopropyl Acetate	8.43	43	225777	44.026	ug/l	100
44) Trichloroethene	9.09	130	151890	47.119	ug/l	100
45) 1,2-Dichloropropane	9.37	63	163692	47.320	ug/l	98
46) Dibromomethane	9.46	93	72508	45.127	ug/l	98
47) Bromodichloromethane	9.65	83	203138	48.773	ug/l	97
48) Methyl methacrylate	9.43	41	108471	43.870	ug/l	98
49) 1,4-Dioxane	9.45	88	18732	745.680	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	560087	213.783	ug/l	99
52) Toluene	10.39	92	378595	47.086	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	211653	47.978	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	251136	48.379	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	102637	44.342	ug/l	100
56) Ethyl methacrylate	10.65	69	157611	44.252	ug/l	98
57) 1,3-Dichloropropane	10.93	76	194697	44.634	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	380197	203.801	ug/l	99
59) 2-Hexanone	10.97	43	443495	234.226	ug/l	99
60) Dibromochloromethane	11.13	129	122445	47.720	ug/l	99
61) 1,2-Dibromoethane	11.24	107	96810	44.143	ug/l	99
64) Tetrachloroethene	10.86	164	124479	45.713	ug/l	97
65) Chlorobenzene	11.66	112	379085	47.003	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	134872	48.309	ug/l	99
67) Ethyl Benzene	11.73	91	741515	47.840	ug/l	100
68) m/p-Xylenes	11.84	106	529563	95.442	ug/l	99
69) o-Xylene	12.17	106	249547	47.421	ug/l	98
70) Styrene	12.18	104	432388	47.300	ug/l	99
71) Bromoform	12.35	173	67350	46.645	ug/l	100
73) Isopropylbenzene	12.46	105	706780	49.114	ug/l	100
74) N-amyl acetate	12.27	43	208720	44.878	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	119706	43.695	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	88622m	44.068	ug/l	
77) Bromobenzene	12.75	156	148095	47.146	ug/l	98
78) n-propylbenzene	12.80	91	857346	49.409	ug/l	100
79) 2-Chlorotoluene	12.90	91	482387	48.660	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	572824	48.632	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42610	48.698	ug/l	100
82) 4-Chlorotoluene	12.99	91	498846	48.761	ug/l	98
83) tert-Butylbenzene	13.21	119	493537	49.371	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	573591	48.392	ug/l	99
85) sec-Butylbenzene	13.38	105	713251	49.005	ug/l	100
86) p-Isopropyltoluene	13.50	119	635328	48.813	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	286880	47.358	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	279993	46.623	ug/l	100
89) n-Butylbenzene	13.83	91	645365	49.696	ug/l	100
90) Hexachloroethane	14.10	117	121307	52.044	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	248071	45.537	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20968	44.571	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	176114	46.068	ug/l	99
94) Hexachlorobutadiene	15.24	225	114407	47.684	ug/l	99
95) Naphthalene	15.37	128	300336	43.240	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	148226	45.592	ug/l	99

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

