

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061919\
 Data File : VW010866.D
 Acq On : 20 Jun 2019 00:01
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/20/2019 12:00:22 PM

Quant Time: Jun 20 07:03:10 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	227273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	380333	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	168308	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	143023	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
35) Dibromofluoromethane	7.88	113	110318	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
50) Toluene-d8	10.32	98	444660	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
62) 4-Bromofluorobenzene	12.62	95	167696	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	90378	43.032	ug/l	98
3) Chloromethane	2.21	50	148289	47.990	ug/l	99
4) Vinyl Chloride	2.35	62	130322	45.649	ug/l	96
5) Bromomethane	2.75	94	75148	47.934	ug/l	99
6) Chloroethane	2.90	64	83033	48.454	ug/l	98
7) Trichlorofluoromethane	3.25	101	185726	50.116	ug/l	100
8) Diethyl Ether	3.68	74	73127	55.216	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	114222	50.132	ug/l	99
10) Methyl Iodide	4.27	142	109308	46.901	ug/l	99
11) Tert butyl alcohol	5.17	59	78824	361.187	ug/l	97
12) 1,1-Dichloroethene	4.03	96	110712	50.372	ug/l	98
13) Acrolein	3.89	56	22598	253.403	ug/l	100
14) Allyl chloride	4.67	41	268729	55.451	ug/l	99
15) Acrylonitrile	5.37	53	190899	296.702	ug/l	100
16) Acetone	4.12	43	201657	280.946	ug/l	99
17) Carbon Disulfide	4.37	76	324578	46.521	ug/l	99
18) Methyl Acetate	4.67	43	107533	69.596	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	362356	57.163	ug/l	98
20) Methylene Chloride	4.92	84	130739	51.921	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	131907	52.867	ug/l	97
22) Diisopropyl ether	6.31	45	565405	58.276	ug/l	99
23) Vinyl Acetate	6.26	43	1624096	277.375	ug/l	100
24) 1,1-Dichloroethane	6.21	63	272217	55.987	ug/l	99
25) 2-Butanone	7.17	43	302419	303.847	ug/l	96
26) 2,2-Dichloropropane	7.16	77	197114	49.820	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	151187	55.061	ug/l	98
28) Bromochloromethane	7.51	49	128196	59.080	ug/l	96
29) Tetrahydrofuran	7.53	42	186794	298.375	ug/l	99
30) Chloroform	7.68	83	251019	56.443	ug/l	98
31) Cyclohexane	7.95	56	254096	47.012	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	210778	54.256	ug/l	99
36) 1,1-Dichloropropene	8.08	75	199062	51.131	ug/l	100
37) Ethyl Acetate	7.25	43	128195	59.422	ug/l	98
38) Carbon Tetrachloride	8.07	117	176315	52.463	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	232668	47.013	ug/l	98
40) Benzene	8.32	78	567396	53.424	ug/l	100
41) Methacrylonitrile	7.48	41	86842	67.722	ug/l #	88
42) 1,2-Dichloroethane	8.40	62	191313	56.756	ug/l	99
43) Isopropyl Acetate	8.43	43	246912	59.242	ug/l	99
44) Trichloroethene	9.09	130	137321	52.415	ug/l	98
45) 1,2-Dichloropropane	9.37	63	157146	55.895	ug/l	100
46) Dibromomethane	9.46	93	73076	55.961	ug/l	98
47) Bromodichloromethane	9.65	83	191435	56.554	ug/l	97
48) Methyl methacrylate	9.43	41	119887	59.659	ug/l	97
49) 1,4-Dioxane	9.45	88	24276	1189.053	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	645699	303.253	ug/l	99
52) Toluene	10.39	92	347393	53.161	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	197999	55.225	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	228822	54.237	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	105087	55.862	ug/l	99
56) Ethyl methacrylate	10.65	69	167449	57.847	ug/l	97
57) 1,3-Dichloropropane	10.93	76	200625	56.591	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	444592	293.235	ug/l	98
59) 2-Hexanone	10.97	43	455358	295.907	ug/l	99
60) Dibromochloromethane	11.13	129	117970	56.570	ug/l	100
61) 1,2-Dibromoethane	11.24	107	100515	56.394	ug/l	99
64) Tetrachloroethene	10.86	164	136772	60.150	ug/l	97
65) Chlorobenzene	11.66	112	356463	52.930	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	127742	54.794	ug/l	100
67) Ethyl Benzene	11.73	91	675441	52.186	ug/l	100
68) m/p-Xylenes	11.84	106	488884	105.517	ug/l	99
69) o-Xylene	12.16	106	232408	52.889	ug/l	97
70) Styrene	12.18	104	410425	53.767	ug/l	99
71) Bromoform	12.35	173	66487	55.144	ug/l #	99
73) Isopropylbenzene	12.46	105	631670	49.943	ug/l	100
74) N-amyl acetate	12.27	43	233837	57.207	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	129507	53.787	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	95686m	54.137	ug/l	
77) Bromobenzene	12.75	156	143289	51.901	ug/l	97
78) n-propylbenzene	12.80	91	770766	50.540	ug/l	100
79) 2-Chlorotoluene	12.90	91	451514	51.821	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	531684	51.359	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	39024	50.745	ug/l	95
82) 4-Chlorotoluene	12.99	91	470182	52.293	ug/l	99
83) tert-Butylbenzene	13.21	119	437848	49.836	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	537332	51.580	ug/l	98
85) sec-Butylbenzene	13.38	105	630888	49.319	ug/l	100
86) p-Isopropyltoluene	13.50	119	568269	49.677	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	276199	51.878	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	274628	52.031	ug/l	99
89) n-Butylbenzene	13.83	91	565372	49.536	ug/l	100
90) Hexachloroethane	14.10	117	105326	51.414	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	249739	52.160	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23681	57.274	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	177040	52.692	ug/l	99
94) Hexachlorobutadiene	15.24	225	102301	48.513	ug/l	100
95) Naphthalene	15.37	128	350660	57.442	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	158899	55.609	ug/l	99

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

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