

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012680.D
 Acq On : 06 Sep 2019 09:05
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/6/2019 12:30:38 PM

Quant Time: Sep 06 11:26:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	168000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	287825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	264555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	134384	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	127870	64.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.06%	
35) Dibromofluoromethane	7.88	113	94417	54.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.92%	
50) Toluene-d8	10.32	98	345006	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	12.62	95	130796	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	39747	38.424	ug/l	99
3) Chloromethane	2.21	50	68718	42.878	ug/l	98
4) Vinyl Chloride	2.36	62	73545	37.493	ug/l	98
5) Bromomethane	2.77	94	48969	49.293	ug/l	98
6) Chloroethane	2.90	64	49957	45.146	ug/l	99
7) Trichlorofluoromethane	3.25	101	42693	43.345	ug/l	97
8) Diethyl Ether	3.68	74	64713	69.218	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	78763	47.044	ug/l	95
10) Methyl Iodide	4.26	142	136024	60.047	ug/l	99
11) Tert butyl alcohol	5.21	59	48771	405.799	ug/l #	82
12) 1,1-Dichloroethene	4.04	96	80548	47.800	ug/l	96
13) Acrolein	3.89	56	18986	167.821	ug/l	96
14) Allyl chloride	4.66	41	193894	53.822	ug/l	98
15) Acrylonitrile	5.37	53	173505	374.416	ug/l	99
16) Acetone	4.14	43	144352	282.764	ug/l	98
17) Carbon Disulfide	4.38	76	209532	41.143	ug/l	99
18) Methyl Acetate	4.67	43	129847	102.693	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	212677	78.044	ug/l	98
20) Methylene Chloride	4.91	84	119382	61.859	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	99765	55.209	ug/l	96
22) Diisopropyl ether	6.31	45	434032	64.998	ug/l	99
23) Vinyl Acetate	6.25	43	1245015	302.959	ug/l	100
24) 1,1-Dichloroethane	6.21	63	217588	59.845	ug/l	99
25) 2-Butanone	7.17	43	231922	334.319	ug/l	96
26) 2,2-Dichloropropane	7.17	77	96579	46.930	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	120454	62.390	ug/l	96
28) Bromochloromethane	7.51	49	94998	59.947	ug/l	91
29) Tetrahydrofuran	7.53	42	155194	372.884	ug/l	97
30) Chloroform	7.67	83	218136	65.577	ug/l	98
31) Cyclohexane	7.95	56	139856	38.879	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	152270	57.865	ug/l	99
36) 1,1-Dichloropropene	8.08	75	138921	46.707	ug/l	99
37) Ethyl Acetate	7.25	43	102265	62.743	ug/l	99
38) Carbon Tetrachloride	8.06	117	130119	50.544	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	139361	41.707	ug/l	99
40) Benzene	8.32	78	448603	55.235	ug/l	100
41) Methacrylonitrile	7.48	41	65574	68.453	ug/l	97
42) 1,2-Dichloroethane	8.40	62	174227	68.448	ug/l	100
43) Isopropyl Acetate	8.42	43	199403	66.048	ug/l	99
44) Trichloroethene	9.09	130	109132	55.275	ug/l	99
45) 1,2-Dichloropropane	9.37	63	127252	58.218	ug/l	100
46) Dibromomethane	9.46	93	65351	67.198	ug/l	96
47) Bromodichloromethane	9.64	83	169623	65.535	ug/l	99
48) Methyl methacrylate	9.44	41	107282	74.661	ug/l	96
49) 1,4-Dioxane	9.46	88	20882	1402.594	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	549354	357.747	ug/l	100
52) Toluene	10.38	92	277540	56.884	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	168862	64.048	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	188949	59.354	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	93755	68.137	ug/l	97
56) Ethyl methacrylate	10.65	69	142326	71.070	ug/l	99
57) 1,3-Dichloropropane	10.93	76	164667	63.327	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	332568	323.576	ug/l	99
59) 2-Hexanone	10.97	43	363385	334.445	ug/l	100
60) Dibromochloromethane	11.13	129	104160	67.962	ug/l	100
61) 1,2-Dibromoethane	11.23	107	85843	66.965	ug/l	99
64) Tetrachloroethene	10.86	164	102703	59.879	ug/l	99
65) Chlorobenzene	11.66	112	291870	56.028	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	110703	60.915	ug/l	98
67) Ethyl Benzene	11.73	91	528301	52.647	ug/l	100
68) m/p-Xylenes	11.84	106	389531	107.764	ug/l	100
69) o-Xylene	12.16	106	190587	56.968	ug/l	100
70) Styrene	12.18	104	342316	59.115	ug/l	99
71) Bromoform	12.35	173	62811	69.371	ug/l	100
73) Isopropylbenzene	12.46	105	504240	50.076	ug/l	99
74) N-amyl acetate	12.27	43	156248	51.358	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	112796	61.101	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	93142m	71.166	ug/l	
77) Bromobenzene	12.74	156	128915	59.178	ug/l	95
78) n-propylbenzene	12.80	91	608025	49.461	ug/l	98
79) 2-Chlorotoluene	12.89	91	372196	53.329	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	445743	52.976	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	32094	53.765	ug/l	96
82) 4-Chlorotoluene	12.99	91	390446	53.429	ug/l	99
83) tert-Butylbenzene	13.21	119	376795	52.865	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	457767	54.159	ug/l	99
85) sec-Butylbenzene	13.38	105	504438	49.400	ug/l	100
86) p-Isopropyltoluene	13.50	119	466556	51.161	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	238175	55.897	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	236475	55.893	ug/l	100
89) n-Butylbenzene	13.82	91	429975	47.413	ug/l	99
90) Hexachloroethane	14.09	117	83547	52.218	ug/l	90
91) 1,2-Dichlorobenzene	13.87	146	219819	58.807	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19953	64.113	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	150748	58.358	ug/l	99
94) Hexachlorobutadiene	15.24	225	91221	53.481	ug/l	97
95) Naphthalene	15.36	128	303638	59.046	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	140940	62.536	ug/l	99

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

