

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\
 Data File : VW012292.D
 Acq On : 29 Aug 2019 09:30
 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
 8/30/2019 11:41:13 AM

Quant Time: Aug 30 06:59:08 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	255564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	399610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	346512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	163210	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	148893	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
35) Dibromofluoromethane	7.88	113	122832	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
50) Toluene-d8	10.32	98	505712	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.62	95	176776	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	89889	57.123	ug/l	100
3) Chloromethane	2.21	50	125591	51.515	ug/l	99
4) Vinyl Chloride	2.36	62	161490	54.119	ug/l	99
5) Bromomethane	2.78	94	80636	53.359	ug/l	98
6) Chloroethane	2.92	64	93493	55.541	ug/l	97
7) Trichlorofluoromethane	3.26	101	89785	59.923	ug/l	97
8) Diethyl Ether	3.68	74	75450	53.051	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	136071	53.427	ug/l	98
10) Methyl Iodide	4.27	142	193778	56.233	ug/l	98
11) Tert butyl alcohol	5.18	59	44556	243.706	ug/l	100
12) 1,1-Dichloroethene	4.04	96	139046	54.242	ug/l	96
13) Acrolein	3.90	56	36678	213.121	ug/l	95
14) Allyl chloride	4.67	41	304692	55.598	ug/l	99
15) Acrylonitrile	5.36	53	184197	261.297	ug/l	99
16) Acetone	4.13	43	195982	252.364	ug/l	99
17) Carbon Disulfide	4.38	76	413720	53.403	ug/l	100
18) Methyl Acetate	4.67	43	94408	49.082	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	229185	55.286	ug/l	95
20) Methylene Chloride	4.91	84	146407	49.870	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	147629	53.705	ug/l	98
22) Diisopropyl ether	6.31	45	547012	53.850	ug/l	99
23) Vinyl Acetate	6.25	43	1710797	273.663	ug/l	100
24) 1,1-Dichloroethane	6.21	63	293087	52.991	ug/l	99
25) 2-Butanone	7.17	43	262507	248.754	ug/l	98
26) 2,2-Dichloropropane	7.16	77	173609	55.456	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	158631	54.012	ug/l	99
28) Bromochloromethane	7.51	49	121472	50.390	ug/l #	97
29) Tetrahydrofuran	7.53	42	164001	259.033	ug/l	99
30) Chloroform	7.67	83	267129	52.790	ug/l	99
31) Cyclohexane	7.96	56	277874	50.780	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	215922	53.940	ug/l	99
36) 1,1-Dichloropropene	8.08	75	226926	54.952	ug/l	99
37) Ethyl Acetate	7.25	43	117749	52.034	ug/l	100
38) Carbon Tetrachloride	8.07	117	194046	54.291	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	257524	55.511	ug/l	98
40) Benzene	8.32	78	616053	54.634	ug/l	100
41) Methacrylonitrile	7.48	41	72011	54.144	ug/l	99
42) 1,2-Dichloroethane	8.40	62	187964	53.188	ug/l	99
43) Isopropyl Acetate	8.42	43	226834	54.116	ug/l	100
44) Trichloroethene	9.09	130	149162	54.416	ug/l	100
45) 1,2-Dichloropropane	9.37	63	164238	54.120	ug/l	100
46) Dibromomethane	9.46	93	71964	53.298	ug/l	99
47) Bromodichloromethane	9.64	83	194897	54.236	ug/l	100
48) Methyl methacrylate	9.43	41	109397	54.836	ug/l	99
49) 1,4-Dioxane	9.46	88	18691	904.242	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	566662	265.791	ug/l	100
52) Toluene	10.38	92	370170	54.646	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	205704	56.196	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	247804	56.067	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	102304	53.552	ug/l	98
56) Ethyl methacrylate	10.65	69	156818	56.401	ug/l	98
57) 1,3-Dichloropropane	10.93	76	195841	54.248	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	390737	273.824	ug/l	99
59) 2-Hexanone	10.97	43	405417	268.752	ug/l	99
60) Dibromochloromethane	11.13	129	116868	54.923	ug/l	100
61) 1,2-Dibromoethane	11.23	107	96739	54.355	ug/l	99
64) Tetrachloroethene	10.86	164	121208	53.953	ug/l	99
65) Chlorobenzene	11.66	112	369330	54.129	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	129745	54.508	ug/l	99
67) Ethyl Benzene	11.73	91	729061	55.469	ug/l	100
68) m/p-Xylenes	11.84	106	522169	110.291	ug/l	99
69) o-Xylene	12.16	106	243013	55.458	ug/l	99
70) Styrene	12.18	104	420282	55.412	ug/l	99
71) Bromoform	12.35	173	65013	54.820	ug/l #	99
73) Isopropylbenzene	12.46	105	684031	55.933	ug/l	99
74) N-amyl acetate	12.27	43	206282	55.829	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	119078	53.111	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	81895m	51.521	ug/l	
77) Bromobenzene	12.75	156	147599	55.788	ug/l	97
78) n-propylbenzene	12.80	91	836126	56.004	ug/l	99
79) 2-Chlorotoluene	12.89	91	469187	55.353	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	574465	56.215	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	40999	56.552	ug/l	96
82) 4-Chlorotoluene	12.99	91	486269	54.789	ug/l	100
83) tert-Butylbenzene	13.21	119	491834	56.818	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	568706	55.401	ug/l	99
85) sec-Butylbenzene	13.38	105	695767	56.102	ug/l	100
86) p-Isopropyltoluene	13.50	119	629177	56.808	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	284750	55.025	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	279337	54.363	ug/l	100
89) n-Butylbenzene	13.82	91	632076	57.389	ug/l	100
90) Hexachloroethane	14.09	117	107355	55.248	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	248777	54.799	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20271	53.631	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	185752	59.208	ug/l	99
94) Hexachlorobutadiene	15.24	225	119876	57.868	ug/l	97
95) Naphthalene	15.36	128	342972	55.218	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	161360	58.951	ug/l	99

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

