

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
 Data File : VW012533.D
 Acq On : 03 Sep 2019 07:06
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.62G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 10:56:35 AM

Quant Time: Sep 03 08:33:57 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	183915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	306569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	268936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	131101	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	124494	56.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.88%	
35) Dibromofluoromethane	7.88	113	101779	55.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.24%	
50) Toluene-d8	10.32	98	392449	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
62) 4-Bromofluorobenzene	12.62	95	142205	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	48867	43.152	ug/l	96
3) Chloromethane	2.21	50	82024	46.752	ug/l	100
4) Vinyl Chloride	2.36	62	91873	42.784	ug/l	97
5) Bromomethane	2.76	94	50510	46.445	ug/l	100
6) Chloroethane	2.91	64	59689	49.273	ug/l	99
7) Trichlorofluoromethane	3.25	101	53431	49.552	ug/l	98
8) Diethyl Ether	3.68	74	57716	56.392	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	87631	47.812	ug/l	98
10) Methyl Iodide	4.27	142	136221	54.930	ug/l	99
11) Tert butyl alcohol	5.18	59	39180	297.787	ug/l	100
12) 1,1-Dichloroethene	4.04	96	90470	49.042	ug/l	100
13) Acrolein	3.90	56	6118	49.398	ug/l	97
14) Allyl chloride	4.66	41	202876	51.442	ug/l	99
15) Acrylonitrile	5.37	53	145021	285.868	ug/l	99
16) Acetone	4.12	43	121901	218.123	ug/l	98
17) Carbon Disulfide	4.38	76	250930	45.008	ug/l	99
18) Methyl Acetate	4.67	43	87932	63.525	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	184653	61.896	ug/l	99
20) Methylene Chloride	4.91	84	110284	52.200	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	105901	53.533	ug/l	95
22) Diisopropyl ether	6.31	45	417271	57.080	ug/l	97
23) Vinyl Acetate	6.25	43	1211391	269.268	ug/l	99
24) 1,1-Dichloroethane	6.21	63	218228	54.827	ug/l	99
25) 2-Butanone	7.17	43	195275	257.133	ug/l	97
26) 2,2-Dichloropropane	7.16	77	100980	44.822	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	119809	56.686	ug/l	98
28) Bromochloromethane	7.51	49	95347	54.961	ug/l	96
29) Tetrahydrofuran	7.53	42	135327	297.013	ug/l	99
30) Chloroform	7.68	83	205034	56.304	ug/l	97
31) Cyclohexane	7.95	56	170614	43.325	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	157696	54.741	ug/l	99
36) 1,1-Dichloropropene	8.08	75	153696	48.515	ug/l	99
37) Ethyl Acetate	7.25	43	93750	54.002	ug/l	99
38) Carbon Tetrachloride	8.07	117	138003	50.329	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	159730	44.880	ug/l	98
40) Benzene	8.32	78	451763	52.224	ug/l	99
41) Methacrylonitrile	7.48	41	64012	62.737	ug/l	93
42) 1,2-Dichloroethane	8.40	62	148956	54.942	ug/l	100
43) Isopropyl Acetate	8.42	43	175921	54.707	ug/l	99
44) Trichloroethene	9.09	130	110724	52.653	ug/l	99
45) 1,2-Dichloropropane	9.37	63	122495	52.615	ug/l	98
46) Dibromomethane	9.46	93	56218	54.272	ug/l	96
47) Bromodichloromethane	9.65	83	152356	55.265	ug/l	99
48) Methyl methacrylate	9.43	41	84671	55.322	ug/l	95
49) 1,4-Dioxane	9.46	88	17464	1101.295	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	452292	276.530	ug/l	100
52) Toluene	10.38	92	276635	53.232	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	148283	52.804	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	175645	51.802	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	81396	55.538	ug/l	98
56) Ethyl methacrylate	10.65	69	121965	57.179	ug/l	99
57) 1,3-Dichloropropane	10.93	76	151935	54.858	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	309918	283.102	ug/l	99
59) 2-Hexanone	10.97	43	301688	260.685	ug/l	98
60) Dibromochloromethane	11.13	129	94007	57.587	ug/l	100
61) 1,2-Dibromoethane	11.23	107	75796	55.513	ug/l	100
64) Tetrachloroethene	10.86	164	97758	56.067	ug/l	99
65) Chlorobenzene	11.66	112	282455	53.338	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	103348	55.942	ug/l	99
67) Ethyl Benzene	11.73	91	535067	52.452	ug/l	100
68) m/p-Xylenes	11.84	106	385764	104.983	ug/l	100
69) o-Xylene	12.16	106	183565	53.975	ug/l	100
70) Styrene	12.18	104	323481	54.952	ug/l	99
71) Bromoform	12.35	173	53179	57.776	ug/l #	99
73) Isopropylbenzene	12.46	105	506812	51.591	ug/l	99
74) N-amyl acetate	12.27	43	156589	52.759	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	94460	52.450	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	64099m	50.202	ug/l	
77) Bromobenzene	12.74	156	115914	54.542	ug/l	95
78) n-propylbenzene	12.80	91	603493	50.322	ug/l	98
79) 2-Chlorotoluene	12.89	91	353059	51.854	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	428260	52.172	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	28159	48.354	ug/l	99
82) 4-Chlorotoluene	12.99	91	370788	52.010	ug/l	100
83) tert-Butylbenzene	13.21	119	366892	52.765	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	430876	52.254	ug/l	100
85) sec-Butylbenzene	13.38	105	494272	49.616	ug/l	100
86) p-Isopropyltoluene	13.50	119	450087	50.591	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	218936	52.668	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	217070	52.592	ug/l	100
89) n-Butylbenzene	13.82	91	427486	48.319	ug/l	99
90) Hexachloroethane	14.09	117	79168	50.720	ug/l	91
91) 1,2-Dichlorobenzene	13.87	146	199074	54.591	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	16215	53.407	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	137962	54.745	ug/l	99
94) Hexachlorobutadiene	15.24	225	81866	49.198	ug/l	98
95) Naphthalene	15.36	128	254504	51.340	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	122839	55.869	ug/l	100

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

