

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110819\
 Data File : VW013936.D
 Acq On : 08 Nov 2019 10:41
 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
 11/12/2019 12:58:08 PM

Quant Time: Nov 09 03:27:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	327492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	455467	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	387312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	195206	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	120191	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
35) Dibromofluoromethane	7.88	113	130865	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
50) Toluene-d8	10.32	98	542667	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
62) 4-Bromofluorobenzene	12.62	95	179350	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	72174	41.832	ug/l	100
3) Chloromethane	2.21	50	89793	48.426	ug/l	99
4) Vinyl Chloride	2.36	62	142499	50.888	ug/l	100
5) Bromomethane	2.78	94	93621	50.836	ug/l	99
6) Chloroethane	2.92	64	87612	51.706	ug/l	100
7) Trichlorofluoromethane	3.26	101	98305	56.204	ug/l	99
8) Diethyl Ether	3.68	74	66507	47.065	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	145121	51.038	ug/l	99
10) Methyl Iodide	4.27	142	231104	49.877	ug/l	100
11) Tert butyl alcohol	5.16	59	40144	273.720	ug/l	98
12) 1,1-Dichloroethene	4.04	96	150241	51.153	ug/l	98
13) Acrolein	3.89	56	48574	289.089	ug/l	97
14) Allyl chloride	4.67	41	233727	51.752	ug/l	99
15) Acrylonitrile	5.36	53	143160	249.149	ug/l	99
16) Acetone	4.12	43	171450	329.140	ug/l	94
17) Carbon Disulfide	4.38	76	433411	51.382	ug/l	98
18) Methyl Acetate	4.67	43	67180	47.048	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	175467	49.784	ug/l	99
20) Methylene Chloride	4.91	84	148203	51.891	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	160917	50.904	ug/l	98
22) Diisopropyl ether	6.31	45	417232	50.646	ug/l	98
23) Vinyl Acetate	6.25	43	1187864	248.501	ug/l	99
24) 1,1-Dichloroethane	6.21	63	268085	51.383	ug/l	99
25) 2-Butanone	7.17	43	195664	261.270	ug/l	95
26) 2,2-Dichloropropane	7.16	77	160141	53.080	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	169714	50.545	ug/l	98
28) Bromochloromethane	7.51	49	93517	50.300	ug/l #	98
29) Tetrahydrofuran	7.52	42	117437	253.291	ug/l	98
30) Chloroform	7.68	83	256097	49.654	ug/l	100
31) Cyclohexane	7.95	56	267457	48.984	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	219611	54.260	ug/l	98
36) 1,1-Dichloropropene	8.08	75	227045	53.526	ug/l	99
37) Ethyl Acetate	7.24	43	79751	49.115	ug/l	99
38) Carbon Tetrachloride	8.07	117	209293	54.792	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	293239	53.532	ug/l	97
40) Benzene	8.32	78	623401	51.931	ug/l	98
41) Methacrylonitrile	7.48	41	49447	48.834	ug/l	94
42) 1,2-Dichloroethane	8.40	62	152799	50.512	ug/l	99
43) Isopropyl Acetate	8.42	43	149983	48.255	ug/l	99
44) Trichloroethene	9.09	130	178513	51.914	ug/l	99
45) 1,2-Dichloropropane	9.37	63	146675	51.154	ug/l	98
46) Dibromomethane	9.46	93	70310	50.522	ug/l	98
47) Bromodichloromethane	9.64	83	185281	51.455	ug/l	99
48) Methyl methacrylate	9.43	41	75326	48.872	ug/l	97
49) 1,4-Dioxane	9.44	88	24048	1169.380	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	379328	245.604	ug/l	100
52) Toluene	10.38	92	405071	52.313	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	189049	51.862	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	231284	51.426	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	101307	48.845	ug/l	98
56) Ethyl methacrylate	10.65	69	130952	50.465	ug/l	99
57) 1,3-Dichloropropane	10.93	76	177145	49.771	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	281224	235.477	ug/l	99
59) 2-Hexanone	10.96	43	281217	264.116	ug/l	99
60) Dibromochloromethane	11.13	129	127460	51.759	ug/l	99
61) 1,2-Dibromoethane	11.23	107	97446	49.662	ug/l	100
64) Tetrachloroethene	10.86	164	153890	52.004	ug/l	97
65) Chlorobenzene	11.66	112	416790	52.367	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	147308	53.033	ug/l	99
67) Ethyl Benzene	11.73	91	767000	53.444	ug/l	100
68) m/p-Xylenes	11.84	106	593962	107.122	ug/l	98
69) o-Xylene	12.16	106	270726	53.120	ug/l	98
70) Styrene	12.18	104	465289	53.136	ug/l	99
71) Bromoform	12.35	173	74813	51.324	ug/l #	97
73) Isopropylbenzene	12.46	105	768728	54.837	ug/l	100
74) N-amyl acetate	12.27	43	140265	51.725	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	111088	50.217	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	84867m	60.539	ug/l	
77) Bromobenzene	12.74	156	175431	52.386	ug/l	98
78) n-propylbenzene	12.80	91	902797	55.641	ug/l	100
79) 2-Chlorotoluene	12.89	91	496997	54.506	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	647087	54.681	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	38284	51.611	ug/l	99
82) 4-Chlorotoluene	12.99	91	516284	53.933	ug/l	100
83) tert-Butylbenzene	13.21	119	580592	55.272	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	639664	54.797	ug/l	99
85) sec-Butylbenzene	13.38	105	799304	55.646	ug/l	99
86) p-Isopropyltoluene	13.50	119	744916	55.672	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	348584	53.724	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	339954	52.739	ug/l	100
89) n-Butylbenzene	13.82	91	678502	56.179	ug/l	99
90) Hexachloroethane	14.09	117	128402	55.209	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	297569	52.893	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17157	51.289	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	217597	53.146	ug/l	99
94) Hexachlorobutadiene	15.24	225	153067	55.379	ug/l	100
95) Naphthalene	15.36	128	333047	51.882	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	185184	52.490	ug/l	99

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

