

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100919\
 Data File : VW013495.D
 Acq On : 09 Oct 2019 09:44
 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
 10/11/2019 4:40:29 PM

Quant Time: Oct 10 03:08:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:54:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	305424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	434283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	375777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	191178	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	121568	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
35) Dibromofluoromethane	7.88	113	122089	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	10.32	98	511807	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.62	95	176445	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	52618	52.010	ug/l	94
3) Chloromethane	2.21	50	90041	50.633	ug/l	95
4) Vinyl Chloride	2.35	62	135490	51.653	ug/l	98
5) Bromomethane	2.78	94	81233	51.903	ug/l	94
6) Chloroethane	2.92	64	75014	50.923	ug/l	98
7) Trichlorofluoromethane	3.25	101	71147	57.327	ug/l	95
8) Diethyl Ether	3.68	74	68502	53.327	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.07	101	128712	50.321	ug/l	99
10) Methyl Iodide	4.27	142	206590	51.005	ug/l	99
11) Tert butyl alcohol	5.18	59	46879	282.435	ug/l	97
12) 1,1-Dichloroethene	4.04	96	135631	51.166	ug/l	95
13) Acrolein	3.88	56	62285	294.098	ug/l	98
14) Allyl chloride	4.67	41	212420	52.145	ug/l	100
15) Acrylonitrile	5.36	53	164965	274.766	ug/l	98
16) Acetone	4.13	43	165578	301.533	ug/l	97
17) Carbon Disulfide	4.38	76	381978	51.336	ug/l	99
18) Methyl Acetate	4.67	43	77309	49.149	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	213890	53.360	ug/l	98
20) Methylene Chloride	4.92	84	137675	51.980	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	143829	51.061	ug/l	96
22) Diisopropyl ether	6.31	45	402782	52.772	ug/l	99
23) Vinyl Acetate	6.25	43	1264632	275.981	ug/l	100
24) 1,1-Dichloroethane	6.21	63	239663	51.374	ug/l	97
25) 2-Butanone	7.17	43	223464	276.131	ug/l	98
26) 2,2-Dichloropropane	7.16	77	153620	51.081	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	153490	51.498	ug/l	100
28) Bromochloromethane	7.51	49	94156	52.030	ug/l #	99
29) Tetrahydrofuran	7.52	42	133326	269.559	ug/l	99
30) Chloroform	7.68	83	231007	51.193	ug/l	95
31) Cyclohexane	7.95	56	243891	49.394	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	190518	51.939	ug/l	99
36) 1,1-Dichloropropene	8.08	75	199532	50.789	ug/l	99
37) Ethyl Acetate	7.25	43	92568	51.932	ug/l	98
38) Carbon Tetrachloride	8.07	117	177680	51.018	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	255948	50.286	ug/l	98
40) Benzene	8.32	78	558600	50.936	ug/l	99
41) Methacrylonitrile	7.48	41	55186	54.445	ug/l	97
42) 1,2-Dichloroethane	8.40	62	146908	52.998	ug/l	99
43) Isopropyl Acetate	8.42	43	168129	52.209	ug/l	99
44) Trichloroethene	9.09	130	159130	50.864	ug/l	99
45) 1,2-Dichloropropane	9.37	63	135870	51.619	ug/l	99
46) Dibromomethane	9.46	93	68142	51.965	ug/l	98
47) Bromodichloromethane	9.64	83	169706	52.062	ug/l	97
48) Methyl methacrylate	9.43	41	80060	50.471	ug/l	96
49) 1,4-Dioxane	9.46	88	23215	1008.250	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	436834	258.016	ug/l	100
52) Toluene	10.38	92	363869	51.509	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	180298	53.230	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	218830	53.327	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	103372	52.519	ug/l	98
56) Ethyl methacrylate	10.65	69	142900	53.905	ug/l	99
57) 1,3-Dichloropropane	10.93	76	177205	52.432	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	352126	281.552	ug/l	99
59) 2-Hexanone	10.97	43	334353	287.997	ug/l	99
60) Dibromochloromethane	11.13	129	121441	53.652	ug/l	97
61) 1,2-Dibromoethane	11.24	107	99351	53.069	ug/l	99
64) Tetrachloroethene	10.86	164	136756	49.447	ug/l	98
65) Chlorobenzene	11.66	112	372940	49.946	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	132853	51.221	ug/l	99
67) Ethyl Benzene	11.73	91	678083	49.685	ug/l	97
68) m/p-Xylenes	11.84	106	524338	100.977	ug/l	100
69) o-Xylene	12.16	106	244782	51.022	ug/l	98
70) Styrene	12.18	104	422376	51.275	ug/l	99
71) Bromoform	12.35	173	76075	53.459	ug/l	99
73) Isopropylbenzene	12.46	105	680655	49.704	ug/l	99
74) N-amyl acetate	12.27	43	153605	51.287	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	119072	51.013	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	75460m	47.392	ug/l	
77) Bromobenzene	12.74	156	162199	49.970	ug/l	99
78) n-propylbenzene	12.80	91	786659	49.677	ug/l	99
79) 2-Chlorotoluene	12.89	91	432699	48.772	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	562711	49.455	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	41338	53.071	ug/l	99
82) 4-Chlorotoluene	12.99	91	455948	49.515	ug/l	100
83) tert-Butylbenzene	13.21	119	501347	49.614	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	557348	49.528	ug/l	100
85) sec-Butylbenzene	13.38	105	691587	49.533	ug/l	100
86) p-Isopropyltoluene	13.50	119	642620	50.095	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	305691	49.667	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	305091	50.600	ug/l	99
89) n-Butylbenzene	13.82	91	591324	51.028	ug/l	99
90) Hexachloroethane	14.09	117	111142	50.635	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	270627	49.801	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17918	48.153	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	200285	52.150	ug/l	100
94) Hexachlorobutadiene	15.24	225	129526	50.750	ug/l	99
95) Naphthalene	15.36	128	355532	53.516	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	177287	52.790	ug/l	98

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

