

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV100319\
 Data File : VW013412.D
 Acq On : 03 Oct 2019 10:32
 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
 10/4/2019 12:07:07 PM

Quant Time: Oct 04 08:35:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	354096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	503878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	428126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	217715	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	132912	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
35) Dibromofluoromethane	7.88	113	137445	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
50) Toluene-d8	10.32	98	582815	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
62) 4-Bromofluorobenzene	12.62	95	194561	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	76641	55.959	ug/l	88
3) Chloromethane	2.21	50	111855	49.492	ug/l	100
4) Vinyl Chloride	2.35	62	171280	53.400	ug/l	99
5) Bromomethane	2.78	94	101881	51.700	ug/l	92
6) Chloroethane	2.92	64	93691	50.586	ug/l	100
7) Trichlorofluoromethane	3.25	101	87497	62.878	ug/l	98
8) Diethyl Ether	3.68	74	79316	49.245	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	162663	52.725	ug/l	98
10) Methyl Iodide	4.26	142	258208	51.825	ug/l	99
11) Tert butyl alcohol	5.20	59	48775	221.973	ug/l #	90
12) 1,1-Dichloroethene	4.03	96	168460	51.681	ug/l	99
13) Acrolein	3.89	56	81978	304.269	ug/l	98
14) Allyl chloride	4.66	41	261428	54.215	ug/l	99
15) Acrylonitrile	5.37	53	168706	231.707	ug/l	100
16) Acetone	4.13	43	173841	214.508	ug/l	97
17) Carbon Disulfide	4.38	76	484121	53.238	ug/l	99
18) Methyl Acetate	4.67	43	79627	41.979	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	238202	49.651	ug/l	100
20) Methylene Chloride	4.91	84	167439	49.472	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	179178	51.617	ug/l	95
22) Diisopropyl ether	6.31	45	481434	51.699	ug/l	97
23) Vinyl Acetate	6.25	43	1418764	253.906	ug/l	98
24) 1,1-Dichloroethane	6.21	63	295083	52.025	ug/l	99
25) 2-Butanone	7.17	43	229646	221.454	ug/l	99
26) 2,2-Dichloropropane	7.16	77	179421	54.834	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	187354	51.563	ug/l	98
28) Bromochloromethane	7.51	49	108742	53.025	ug/l	97
29) Tetrahydrofuran	7.53	42	137308	228.516	ug/l	99
30) Chloroform	7.67	83	283384	50.953	ug/l	99
31) Cyclohexane	7.95	56	302076	49.940	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	233398	53.566	ug/l	99
36) 1,1-Dichloropropene	8.08	75	248300	53.055	ug/l	99
37) Ethyl Acetate	7.25	43	95659	46.323	ug/l	97
38) Carbon Tetrachloride	8.06	117	217629	53.682	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	325264	52.772	ug/l	100
40) Benzene	8.32	78	685688	51.757	ug/l	98
41) Methacrylonitrile	7.48	41	58262	46.782	ug/l	97
42) 1,2-Dichloroethane	8.40	62	172738	50.731	ug/l	98
43) Isopropyl Acetate	8.42	43	182184	46.864	ug/l	100
44) Trichloroethene	9.09	130	192408	51.574	ug/l	95
45) 1,2-Dichloropropane	9.37	63	163696	51.462	ug/l	100
46) Dibromomethane	9.46	93	78975	49.846	ug/l	96
47) Bromodichloromethane	9.64	83	203424	52.156	ug/l	99
48) Methyl methacrylate	9.43	41	91814	49.154	ug/l	96
49) 1,4-Dioxane	9.47	88	23857	975.928	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	464135	227.242	ug/l	98
52) Toluene	10.38	92	446765	52.283	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	208785	51.464	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	257784	52.408	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	117650	49.778	ug/l	98
56) Ethyl methacrylate	10.65	69	155750	48.958	ug/l	97
57) 1,3-Dichloropropane	10.93	76	204999	49.892	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	350096	267.904	ug/l	98
59) 2-Hexanone	10.97	43	341255	241.051	ug/l	99
60) Dibromochloromethane	11.13	129	138573	51.249	ug/l	99
61) 1,2-Dibromoethane	11.23	107	112858	49.415	ug/l	100
64) Tetrachloroethene	10.86	164	165659	50.860	ug/l	98
65) Chlorobenzene	11.66	112	461142	52.576	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	157648	52.772	ug/l	99
67) Ethyl Benzene	11.73	91	837894	53.302	ug/l	99
68) m/p-Xylenes	11.84	106	648086	106.810	ug/l	100
69) o-Xylene	12.16	106	299229	53.338	ug/l	97
70) Styrene	12.18	104	512234	53.413	ug/l	100
71) Bromoform	12.35	173	82854	51.155	ug/l #	99
73) Isopropylbenzene	12.46	105	841125	52.817	ug/l	100
74) N-amyl acetate	12.27	43	166665	49.175	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	127481	47.294	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	80814m	41.765	ug/l	
77) Bromobenzene	12.75	156	193701	50.654	ug/l	98
78) n-propylbenzene	12.80	91	977975	53.387	ug/l	100
79) 2-Chlorotoluene	12.89	91	539525	53.026	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	697247	52.706	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	43411	47.900	ug/l	97
82) 4-Chlorotoluene	12.99	91	563182	52.840	ug/l	100
83) tert-Butylbenzene	13.21	119	620856	53.730	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	687029	52.241	ug/l	99
85) sec-Butylbenzene	13.38	105	857809	53.844	ug/l	99
86) p-Isopropyltoluene	13.50	119	795934	53.909	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	379640	52.770	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	370996	51.503	ug/l	100
89) n-Butylbenzene	13.82	91	733168	55.079	ug/l	100
90) Hexachloroethane	14.09	117	131987	54.109	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	326417	51.325	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19270	47.795	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	241206	52.848	ug/l	99
94) Hexachlorobutadiene	15.24	225	159864	53.919	ug/l	99
95) Naphthalene	15.36	128	390071	50.664	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	207270	52.014	ug/l	100

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

