

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV100219\
 Data File : VW013397.D
 Acq On : 02 Oct 2019 23:49
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 12:11:17 PM

Quant Time: Oct 03 08:00:05 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	334799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	490827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	440127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	224856	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	147545	59.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.04%	
35) Dibromofluoromethane	7.88	113	147477	57.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.52%	
50) Toluene-d8	10.32	98	617979	57.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.64%	
62) 4-Bromofluorobenzene	12.62	95	215131	60.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	70977	54.811	ug/l	98
3) Chloromethane	2.21	50	107539	50.325	ug/l	100
4) Vinyl Chloride	2.36	62	150678	49.684	ug/l	97
5) Bromomethane	2.76	94	97024	52.073	ug/l	99
6) Chloroethane	2.92	64	85335	48.730	ug/l	96
7) Trichlorofluoromethane	3.25	101	57507	43.708	ug/l	100
8) Diethyl Ether	3.67	74	83048	54.534	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	144701	49.606	ug/l	99
10) Methyl Iodide	4.27	142	243794	51.752	ug/l	99
11) Tert butyl alcohol	5.15	59	58540	285.403	ug/l	100
12) 1,1-Dichloroethene	4.04	96	154765	50.216	ug/l	96
13) Acrolein	3.89	56	59309	235.303	ug/l	98
14) Allyl chloride	4.66	41	222500	48.802	ug/l	99
15) Acrylonitrile	5.35	53	190451	276.649	ug/l	99
16) Acetone	4.11	43	156164	203.802	ug/l	90
17) Carbon Disulfide	4.38	76	436933	50.819	ug/l	99
18) Methyl Acetate	4.66	43	96794	53.971	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	252808	55.733	ug/l	96
20) Methylene Chloride	4.91	84	167228	52.362	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	167289	50.970	ug/l	100
22) Diisopropyl ether	6.31	45	479607	54.472	ug/l	97
23) Vinyl Acetate	6.25	43	1441025	272.754	ug/l	98
24) 1,1-Dichloroethane	6.21	63	281396	52.471	ug/l	99
25) 2-Butanone	7.17	43	249782	254.755	ug/l	96
26) 2,2-Dichloropropane	7.16	77	146418	47.092	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	183692	53.469	ug/l	96
28) Bromochloromethane	7.51	49	117829	60.768	ug/l	95
29) Tetrahydrofuran	7.52	42	165809	289.167	ug/l	99
30) Chloroform	7.67	83	273790	52.065	ug/l	98
31) Cyclohexane	7.95	56	272870	47.711	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	213126	51.733	ug/l	99
36) 1,1-Dichloropropene	8.08	75	225780	49.526	ug/l	99
37) Ethyl Acetate	7.24	43	110083	54.698	ug/l	98
38) Carbon Tetrachloride	8.06	117	198994	50.390	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	297353	49.527	ug/l	97
40) Benzene	8.32	78	662704	51.352	ug/l	99
41) Methacrylonitrile	7.48	41	62579	51.585	ug/l	97
42) 1,2-Dichloroethane	8.40	62	175671	52.964	ug/l	98
43) Isopropyl Acetate	8.42	43	207386	54.766	ug/l	98
44) Trichloroethene	9.09	130	187322	51.546	ug/l	96
45) 1,2-Dichloropropane	9.37	63	162893	52.572	ug/l	98
46) Dibromomethane	9.46	93	83247	53.940	ug/l	98
47) Bromodichloromethane	9.64	83	202865	53.396	ug/l	97
48) Methyl methacrylate	9.43	41	98803	54.302	ug/l	98
49) 1,4-Dioxane	9.45	88	29760	1255.752	ug/l #	89
51) 4-Methyl-2-Pentanone	10.21	43	543694	273.273	ug/l	98
52) Toluene	10.38	92	429704	51.624	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	211622	53.550	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	252307	52.658	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	124090	53.898	ug/l	99
56) Ethyl methacrylate	10.64	69	174088	56.178	ug/l	98
57) 1,3-Dichloropropane	10.93	76	216244	54.028	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	381165	299.435	ug/l	99
59) 2-Hexanone	10.97	43	371768	269.587	ug/l	99
60) Dibromochloromethane	11.13	129	145940	55.409	ug/l	99
61) 1,2-Dibromoethane	11.23	107	121030	54.402	ug/l	99
64) Tetrachloroethene	10.86	164	173686	51.871	ug/l	98
65) Chlorobenzene	11.66	112	454290	50.382	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	160670	52.317	ug/l	100
67) Ethyl Benzene	11.73	91	816697	50.537	ug/l	100
68) m/p-Xylenes	11.84	106	633658	101.584	ug/l	99
69) o-Xylene	12.16	106	293592	50.906	ug/l	99
70) Styrene	12.18	104	517766	52.518	ug/l	99
71) Bromoform	12.35	173	89752	53.903	ug/l #	99
73) Isopropylbenzene	12.46	105	809456	49.214	ug/l	100
74) N-amyl acetate	12.27	43	193616	55.313	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	144795	52.012	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	108802m	54.443	ug/l	
77) Bromobenzene	12.74	156	196168	49.670	ug/l	99
78) n-propylbenzene	12.80	91	937488	49.551	ug/l	99
79) 2-Chlorotoluene	12.89	91	531802	50.607	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	683153	50.000	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	45845	48.885	ug/l	95
82) 4-Chlorotoluene	12.99	91	559114	50.792	ug/l	100
83) tert-Butylbenzene	13.21	119	603569	50.575	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	682833	50.273	ug/l	100
85) sec-Butylbenzene	13.38	105	827032	50.263	ug/l	100
86) p-Isopropyltoluene	13.49	119	771465	50.592	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	376631	50.689	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	370293	49.773	ug/l	100
89) n-Butylbenzene	13.82	91	696192	50.641	ug/l	100
90) Hexachloroethane	14.09	117	128766	51.112	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	334902	50.987	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23237	55.804	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	243593	51.676	ug/l	98
94) Hexachlorobutadiene	15.23	225	148338	48.443	ug/l	97
95) Naphthalene	15.36	128	444520	55.902	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	216031	52.490	ug/l	98

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

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