

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100819\
 Data File : VW013487.D
 Acq On : 08 Oct 2019 15:27
 Operator : SY/VA
 Sample : VW1008SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 4:09:49 PM

Quant Time: Oct 09 06:32:33 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	301286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	424880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	362849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	185272	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	113613	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
35) Dibromofluoromethane	7.88	113	113658	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
50) Toluene-d8	10.32	98	481237	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
62) 4-Bromofluorobenzene	12.62	95	162838	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	23068	23.115	ug/l	96
3) Chloromethane	2.21	50	39313	22.411	ug/l	96
4) Vinyl Chloride	2.36	62	55680	21.519	ug/l	99
5) Bromomethane	2.77	94	31778	20.583	ug/l	100
6) Chloroethane	2.91	64	30133	20.737	ug/l	99
7) Trichlorofluoromethane	3.25	101	24969	20.395	ug/l	99
8) Diethyl Ether	3.68	74	28088	22.166	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	51977	20.600	ug/l	97
10) Methyl Iodide	4.26	142	81902	20.499	ug/l	99
11) Tert butyl alcohol	5.20	59	25762	147.911	ug/l	97
12) 1,1-Dichloroethene	4.04	96	52569	20.104	ug/l	99
13) Acrolein	3.89	56	26428	128.628	ug/l	100
14) Allyl chloride	4.67	41	81764	20.347	ug/l	100
15) Acrylonitrile	5.36	53	72749	122.835	ug/l	99
16) Acetone	4.13	43	63436	117.110	ug/l	99
17) Carbon Disulfide	4.38	76	149332	20.345	ug/l	98
18) Methyl Acetate	4.67	43	37404	24.106	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	86567	21.893	ug/l	98
20) Methylene Chloride	4.92	84	61983	21.340	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	58139	20.924	ug/l	96
22) Diisopropyl ether	6.31	45	155327	20.630	ug/l	97
23) Vinyl Acetate	6.25	43	513135	113.520	ug/l	100
24) 1,1-Dichloroethane	6.21	63	95746	20.806	ug/l	100
25) 2-Butanone	7.17	43	96393	120.747	ug/l	98
26) 2,2-Dichloropropane	7.16	77	61963	20.887	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	60825	20.688	ug/l	98
28) Bromochloromethane	7.51	49	27343	16.982	ug/l #	100
29) Tetrahydrofuran	7.53	42	61782	126.627	ug/l	99
30) Chloroform	7.68	83	92942	20.880	ug/l	98
31) Cyclohexane	7.95	56	99805	20.491	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	75821	20.954	ug/l	99
36) 1,1-Dichloropropene	8.08	75	80408	20.920	ug/l	99
37) Ethyl Acetate	7.25	43	41965	24.064	ug/l	97
38) Carbon Tetrachloride	8.07	117	71327	20.934	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	106918	21.471	ug/l	98
40) Benzene	8.32	78	223845	20.863	ug/l	100
41) Methacrylonitrile	7.48	41	26280	26.501	ug/l	95
42) 1,2-Dichloroethane	8.40	62	59817	22.057	ug/l	98
43) Isopropyl Acetate	8.42	43	74668	23.700	ug/l	97
44) Trichloroethene	9.09	130	63853	20.862	ug/l	98
45) 1,2-Dichloropropane	9.37	63	53802	20.892	ug/l	99
46) Dibromomethane	9.46	93	28291	22.052	ug/l	100
47) Bromodichloromethane	9.65	83	65729	20.611	ug/l	98
48) Methyl methacrylate	9.43	41	37042	23.868	ug/l	98
49) 1,4-Dioxane	9.46	88	11431	507.447	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	201798	121.830	ug/l	99
52) Toluene	10.38	92	147013	21.272	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	72018	21.733	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	84294	20.996	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	42311	21.972	ug/l	98
56) Ethyl methacrylate	10.65	69	59462	22.927	ug/l	97
57) 1,3-Dichloropropane	10.93	76	73774	22.311	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	127611	104.293	ug/l	100
59) 2-Hexanone	10.97	43	139995	123.254	ug/l	99
60) Dibromochloromethane	11.13	129	48411	21.861	ug/l	98
61) 1,2-Dibromoethane	11.23	107	41281	22.538	ug/l	99
64) Tetrachloroethene	10.86	164	55415	20.751	ug/l	94
65) Chlorobenzene	11.66	112	153220	21.251	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.73	131	52166	20.829	ug/l	99
67) Ethyl Benzene	11.73	91	276251	20.963	ug/l	99
68) m/p-Xylenes	11.84	106	211082	42.098	ug/l	97
69) o-Xylene	12.16	106	98073	21.171	ug/l	100
70) Styrene	12.18	104	169512	21.312	ug/l	99
71) Bromoform	12.35	173	30677	22.325	ug/l #	98
73) Isopropylbenzene	12.46	105	274547	20.688	ug/l	99
74) N-amyl acetate	12.27	43	66273	22.833	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	51522	22.777	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	33127m	21.469	ug/l	
77) Bromobenzene	12.74	156	65183	20.721	ug/l	96
78) n-propylbenzene	12.80	91	322002	20.983	ug/l	100
79) 2-Chlorotoluene	12.89	91	180790	21.027	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	227655	20.646	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	16474	21.824	ug/l	96
82) 4-Chlorotoluene	12.99	91	185925	20.835	ug/l	100
83) tert-Butylbenzene	13.21	119	206026	21.039	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	226487	20.768	ug/l	97
85) sec-Butylbenzene	13.38	105	286506	21.174	ug/l	99
86) p-Isopropyltoluene	13.50	119	262546	21.119	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	125783	21.088	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	124068	21.233	ug/l	99
89) n-Butylbenzene	13.82	91	235930	21.008	ug/l	100
90) Hexachloroethane	14.09	117	44815	21.068	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	113791	21.607	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8265	22.919	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	79362	21.323	ug/l	98
94) Hexachlorobutadiene	15.23	225	53490	21.626	ug/l	98
95) Naphthalene	15.36	128	149918	23.286	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	70994	21.813	ug/l	98

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

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