

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100419\
 Data File : VW013434.D
 Acq On : 04 Oct 2019 13:09
 Operator : SY/VA
 Sample : VW1004SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 11:48:17 AM

Quant Time: Nov 01 02:32:37 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	316319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	443991	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	387486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	197258	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	129368	54.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.54%	
35) Dibromofluoromethane	7.88	113	130064	55.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.66%	
50) Toluene-d8	10.32	98	540165	55.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.74%	
62) 4-Bromofluorobenzene	12.62	95	181451	56.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	22007	17.987	ug/l	96
3) Chloromethane	2.21	50	42676	21.138	ug/l	98
4) Vinyl Chloride	2.35	62	60430	21.090	ug/l	100
5) Bromomethane	2.77	94	35189	19.990	ug/l	96
6) Chloroethane	2.92	64	33703	20.370	ug/l	100
7) Trichlorofluoromethane	3.25	101	28171	22.662	ug/l	93
8) Diethyl Ether	3.68	74	29728	20.662	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	56722	20.581	ug/l	98
10) Methyl Iodide	4.27	142	90069	20.237	ug/l	99
11) Tert butyl alcohol	5.19	59	24280m	111.535	ug/l	
12) 1,1-Dichloroethene	4.04	96	58973	20.253	ug/l	94
13) Acrolein	3.90	56	24777	109.944	ug/l	95
14) Allyl chloride	4.66	41	91204	21.173	ug/l	99
15) Acrylonitrile	5.37	53	70865	108.952	ug/l	99
16) Acetone	4.13	43	59266	81.864	ug/l	100
17) Carbon Disulfide	4.38	76	168847	20.785	ug/l	100
18) Methyl Acetate	4.67	43	36937	21.799	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	89607	20.909	ug/l	96
20) Methylene Chloride	4.92	84	66358	20.915	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	62529	20.164	ug/l	98
22) Diisopropyl ether	6.31	45	171597	20.628	ug/l	97
23) Vinyl Acetate	6.25	43	526838	105.545	ug/l	99
24) 1,1-Dichloroethane	6.21	63	103026	20.333	ug/l	97
25) 2-Butanone	7.17	43	91722	99.014	ug/l	97
26) 2,2-Dichloropropane	7.16	77	66283	21.669	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	66017	20.339	ug/l	99
28) Bromochloromethane	7.52	49	34466	18.814	ug/l	99
29) Tetrahydrofuran	7.53	42	59449	115.750	ug/l	99
30) Chloroform	7.67	83	100523	20.233	ug/l	95
31) Cyclohexane	7.95	56	111015	20.545	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	81857	21.030	ug/l	98
36) 1,1-Dichloropropene	8.08	75	87678	21.261	ug/l	98
37) Ethyl Acetate	7.25	43	40374	22.267	ug/l	97
38) Carbon Tetrachloride	8.07	117	76463	21.405	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	113950	20.981	ug/l	96
40) Benzene	8.32	78	243911	20.894	ug/l	100
41) Methacrylonitrile	7.48	41	22479	20.484	ug/l	93
42) 1,2-Dichloroethane	8.40	62	62353	20.782	ug/l	96
43) Isopropyl Acetate	8.42	43	72914	21.286	ug/l	100
44) Trichloroethene	9.09	130	70659	21.494	ug/l	99
45) 1,2-Dichloropropane	9.37	63	58710	20.947	ug/l	98
46) Dibromomethane	9.46	93	28718	20.571	ug/l	95
47) Bromodichloromethane	9.65	83	72064	20.969	ug/l	96
48) Methyl methacrylate	9.43	41	34127	20.735	ug/l	96
49) 1,4-Dioxane	9.46	88	11255	512.618	ug/l #	91
51) 4-Methyl-2-Pentanone	10.21	43	193321	107.417	ug/l	98
52) Toluene	10.38	92	156675	20.808	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	76326	21.351	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	90022	20.770	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	44151	21.200	ug/l	95
56) Ethyl methacrylate	10.65	69	60253	21.495	ug/l	98
57) 1,3-Dichloropropane	10.93	76	76776	21.206	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	137599	119.498	ug/l	98
59) 2-Hexanone	10.97	43	134585	107.889	ug/l	99
60) Dibromochloromethane	11.13	129	49800	20.902	ug/l	100
61) 1,2-Dibromoethane	11.23	107	42944	21.339	ug/l	100
64) Tetrachloroethene	10.86	164	60010	20.356	ug/l	98
65) Chlorobenzene	11.66	112	162969	20.529	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	56198	20.785	ug/l	99
67) Ethyl Benzene	11.73	91	297339	20.899	ug/l	99
68) m/p-Xylenes	11.84	106	227846	41.489	ug/l	100
69) o-Xylene	12.16	106	104849	20.650	ug/l	97
70) Styrene	12.18	104	179942	20.731	ug/l	99
71) Bromoform	12.35	173	31249	21.317	ug/l	97
73) Isopropylbenzene	12.46	105	290727	20.149	ug/l	100
74) N-amyl acetate	12.27	43	65586	21.358	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	51348	21.025	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	40320m	22.998	ug/l	
77) Bromobenzene	12.74	156	69315	20.006	ug/l	99
78) n-propylbenzene	12.80	91	342861	20.657	ug/l	99
79) 2-Chlorotoluene	12.89	91	193362	20.975	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	245316	20.467	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16321	22.334	ug/l	96
82) 4-Chlorotoluene	12.99	91	198178	20.522	ug/l	99
83) tert-Butylbenzene	13.21	119	217241	20.750	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	241973	20.307	ug/l	100
85) sec-Butylbenzene	13.38	105	299373	20.740	ug/l	99
86) p-Isopropyltoluene	13.50	119	274275	20.503	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	132243	20.288	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	127709	19.568	ug/l	97
89) n-Butylbenzene	13.82	91	250072	20.735	ug/l	99
90) Hexachloroethane	14.09	117	46703	21.132	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	117104	20.323	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8162	22.344	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	82527	19.957	ug/l	99
94) Hexachlorobutadiene	15.24	225	56760	21.130	ug/l	98
95) Naphthalene	15.36	128	145095	20.800	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	72900	20.191	ug/l	99

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

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