

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041719\
 Data File : VW010022.D
 Acq On : 17 Apr 2019 18:02
 Operator : SY/VA
 Sample : VW0417SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0417SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/18/2019 11:40:48 AM

Quant Time: Apr 18 03:09:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 02:23:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	396988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	649472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	591215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	301642	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	257016	52.46	ug/l	0.00
Spiked Amount						
			Recovery	=	104.92%	
35) Dibromofluoromethane	7.88	113	205577	49.79	ug/l	0.00
Spiked Amount						
			Recovery	=	99.58%	
50) Toluene-d8	10.32	98	808273	52.24	ug/l	0.00
Spiked Amount						
			Recovery	=	104.48%	
62) 4-Bromofluorobenzene	12.62	95	293162	52.12	ug/l	0.00
Spiked Amount						
			Recovery	=	104.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	54103	17.874	ug/l	94
3) Chloromethane	2.21	50	56729	18.741	ug/l	98
4) Vinyl Chloride	2.37	62	65905	18.730	ug/l	99
5) Bromomethane	2.77	94	45062	19.057	ug/l	96
6) Chloroethane	2.92	64	45354	19.727	ug/l	99
7) Trichlorofluoromethane	3.25	101	41757	17.164	ug/l	99
8) Diethyl Ether	3.67	74	39121	19.332	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.04	101	76693	18.735	ug/l	97
10) Methyl Iodide	4.26	142	106226	18.777	ug/l	98
11) Tert butyl alcohol	5.17	59	31089	111.409	ug/l	96
12) 1,1-Dichloroethene	4.03	96	73003	18.602	ug/l	97
13) Acrolein	3.89	56	26888	91.588	ug/l	94
14) Allyl chloride	4.65	41	121473	17.410	ug/l	97
15) Acrylonitrile	5.36	53	105860	101.649	ug/l	99
16) Acetone	4.12	43	102988	90.604	ug/l	98
17) Carbon Disulfide	4.37	76	194572	17.355	ug/l	97
18) Methyl Acetate	4.67	43	51886	19.723	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	107784	21.144	ug/l	98
20) Methylene Chloride	4.91	84	97997	19.551	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	80224	18.877	ug/l	98
22) Diisopropyl ether	6.31	45	283004	19.996	ug/l	97
23) Vinyl Acetate	6.25	43	936970	105.165	ug/l	99
24) 1,1-Dichloroethane	6.21	63	162721	19.233	ug/l	98
25) 2-Butanone	7.17	43	162386	108.753	ug/l	97
26) 2,2-Dichloropropane	7.16	77	86833	18.550	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	90020	19.260	ug/l	99
28) Bromochloromethane	7.51	49	72186	20.877	ug/l	99
29) Tetrahydrofuran	7.52	42	105419	111.423	ug/l	97
30) Chloroform	7.67	83	166286	19.614	ug/l	100
31) Cyclohexane	7.95	56	148958	18.801	ug/l #	93
32) 1,1,1-Trichloroethane	7.87	97	126979	19.079	ug/l	99
36) 1,1-Dichloropropene	8.07	75	124469	18.762	ug/l	99
37) Ethyl Acetate	7.25	43	74661	22.147	ug/l	97
38) Carbon Tetrachloride	8.06	117	121862	18.821	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	138640	17.960	ug/l	94
40) Benzene	8.32	78	347179	19.139	ug/l	100
41) Methacrylonitrile	7.48	41	41998	21.859	ug/l	98
42) 1,2-Dichloroethane	8.40	62	122739	19.689	ug/l	99
43) Isopropyl Acetate	8.42	43	135738	21.487	ug/l	96
44) Trichloroethene	9.09	130	86366	18.746	ug/l	98
45) 1,2-Dichloropropane	9.37	63	91685	19.229	ug/l	98
46) Dibromomethane	9.46	93	48515	19.632	ug/l	98
47) Bromodichloromethane	9.64	83	121694	19.076	ug/l	97
48) Methyl methacrylate	9.43	41	63286	20.580	ug/l	98
49) 1,4-Dioxane	9.45	88	15146	401.107	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	367270	111.003	ug/l	98
52) Toluene	10.38	92	218761	19.360	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	122143	19.312	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	136426	18.890	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	68039	19.726	ug/l	96
56) Ethyl methacrylate	10.65	69	87480	19.941	ug/l	99
57) 1,3-Dichloropropane	10.93	76	121125	19.592	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	221410	107.426	ug/l	100
59) 2-Hexanone	10.97	43	255472	110.921	ug/l	98
60) Dibromochloromethane	11.13	129	76553	19.203	ug/l	100
61) 1,2-Dibromoethane	11.23	107	64578	19.681	ug/l	98
64) Tetrachloroethene	10.86	164	75049	19.554	ug/l	98
65) Chlorobenzene	11.66	112	233267	19.277	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	85541	19.768	ug/l	98
67) Ethyl Benzene	11.73	91	418115	19.367	ug/l	96
68) m/p-Xylenes	11.84	106	315291	39.068	ug/l	99
69) o-Xylene	12.16	106	145263	19.768	ug/l	98
70) Styrene	12.18	104	242513	19.141	ug/l	98
71) Bromoform	12.35	173	44984	19.659	ug/l #	97
73) Isopropylbenzene	12.46	105	410404	19.549	ug/l	99
74) N-amyl acetate	12.27	43	123525	21.247	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	83963	20.243	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	61086m	20.234	ug/l	
77) Bromobenzene	12.75	156	95254	19.729	ug/l	100
78) n-propylbenzene	12.80	91	517561	19.892	ug/l	99
79) 2-Chlorotoluene	12.90	91	294371	19.672	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	344517	19.355	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	25981	20.292	ug/l	97
82) 4-Chlorotoluene	12.99	91	312690	19.854	ug/l	99
83) tert-Butylbenzene	13.21	119	291928	19.804	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	361266	20.018	ug/l	100
85) sec-Butylbenzene	13.38	105	439799	19.965	ug/l	99
86) p-Isopropyltoluene	13.50	119	381133	19.630	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	191880	19.660	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	192792	19.790	ug/l	98
89) n-Butylbenzene	13.83	91	376616	19.579	ug/l	99
90) Hexachloroethane	14.10	117	72067	19.380	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	174789	19.973	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16204	21.831	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	114886	19.899	ug/l	99
94) Hexachlorobutadiene	15.24	225	68835	19.634	ug/l	99
95) Naphthalene	15.37	128	216935	20.567	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	101586	20.281	ug/l	98

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

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