

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010719\
 Data File : VW008064.D
 Acq On : 07 Jan 2019 12:50
 Operator : SY/AP
 Sample : VW0107SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0107SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/8/2019 11:53:33 AM

Quant Time: Jan 08 03:56:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	75006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	120202	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	96734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	46565	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	43373	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
35) Dibromofluoromethane	7.88	113	39118	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
50) Toluene-d8	10.32	98	152477	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
62) 4-Bromofluorobenzene	12.62	95	51420	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.01	85	12967	18.839	ug/l	100
3) Chloromethane	2.21	50	9871	19.331	ug/l	94
4) Vinyl Chloride	2.37	62	14106	21.389	ug/l	97
5) Bromomethane	2.78	94	8349	19.926	ug/l	97
6) Chloroethane	2.93	64	6808	20.197	ug/l	100
7) Trichlorofluoromethane	3.26	101	13356	20.175	ug/l	95
8) Diethyl Ether	3.68	74	7032	20.681	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	15896	20.205	ug/l	99
10) Methyl Iodide	4.26	142	24240	19.152	ug/l	99
11) Tert butyl alcohol	5.21	59	4394m	81.525	ug/l	
12) 1,1-Dichloroethene	4.04	96	15032	19.961	ug/l	90
13) Acrolein	3.90	56	2944	80.617	ug/l	95
14) Allyl chloride	4.67	41	20959	20.544	ug/l	99
15) Acrylonitrile	5.37	53	12514	100.062	ug/l	99
16) Acetone	4.14	43	13463	104.835	ug/l	95
17) Carbon Disulfide	4.37	76	44370	19.289	ug/l	98
18) Methyl Acetate	4.67	43	6534	19.619	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	23813	20.094	ug/l	98
20) Methylene Chloride	4.90	84	15421	17.948	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	16058	19.599	ug/l	95
22) Diisopropyl ether	6.31	45	38224	20.874	ug/l	97
23) Vinyl Acetate	6.26	43	105558	103.030	ug/l	99
24) 1,1-Dichloroethane	6.21	63	26875	19.753	ug/l	99
25) 2-Butanone	7.18	43	15535	102.672	ug/l	96
26) 2,2-Dichloropropane	7.17	77	23137	20.641	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	17600	20.166	ug/l	96
28) Bromochloromethane	7.51	49	8112	18.550	ug/l #	98
29) Tetrahydrofuran	7.53	42	8923	94.941	ug/l	98
30) Chloroform	7.68	83	29871	19.590	ug/l	100
31) Cyclohexane	7.95	56	25736	20.295	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	29059	19.916	ug/l	99
36) 1,1-Dichloropropene	8.08	75	23662	19.955	ug/l	99
37) Ethyl Acetate	7.26	43	7104	19.945	ug/l	98
38) Carbon Tetrachloride	8.06	117	27321	19.226	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	28838	19.511	ug/l	98
40) Benzene	8.32	78	60918	19.474	ug/l	100
41) Methacrylonitrile	7.49	41	4567	21.808	ug/l	96
42) 1,2-Dichloroethane	8.40	62	19789	18.987	ug/l	97
43) Isopropyl Acetate	8.43	43	14232	19.998	ug/l	99
44) Trichloroethene	9.09	130	18219	19.737	ug/l	100
45) 1,2-Dichloropropane	9.37	63	13356	19.726	ug/l	96
46) Dibromomethane	9.46	93	7629	19.272	ug/l	96
47) Bromodichloromethane	9.64	83	21216	19.135	ug/l	97
48) Methyl methacrylate	9.43	41	7546	21.030	ug/l	91
49) 1,4-Dioxane	9.47	88	1989	339.522	ug/l #	80
51) 4-Methyl-2-Pentanone	10.21	43	33306	101.105	ug/l	97
52) Toluene	10.39	92	41408	20.051	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	21052	19.745	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	23668	19.894	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	10460	19.516	ug/l	95
56) Ethyl methacrylate	10.65	69	12382	20.435	ug/l	96
57) 1,3-Dichloropropane	10.93	76	17492	19.207	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	29833	103.815	ug/l	100
59) 2-Hexanone	10.98	43	21367	93.955	ug/l	95
60) Dibromochloromethane	11.13	129	13034	17.766	ug/l	96
61) 1,2-Dibromoethane	11.24	107	10302	19.207	ug/l	89
64) Tetrachloroethene	10.87	164	13798	20.649	ug/l	95
65) Chlorobenzene	11.66	112	41925	20.279	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	14956	19.977	ug/l	98
67) Ethyl Benzene	11.73	91	71946	19.606	ug/l	93
68) m/p-Xylenes	11.84	106	59323	41.815	ug/l	94
69) o-Xylene	12.17	106	25756	19.511	ug/l	87
70) Styrene	12.18	104	41745	19.402	ug/l	95
71) Bromoform	12.35	173	6639	19.140	ug/l #	97
73) Isopropylbenzene	12.47	105	75137	20.292	ug/l	99
74) N-amyl acetate	12.27	43	11878	20.608	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	10422	22.121	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	6545m	17.668	ug/l	
77) Bromobenzene	12.75	156	17078	21.459	ug/l	95
78) n-propylbenzene	12.80	91	88726	20.668	ug/l	99
79) 2-Chlorotoluene	12.90	91	51397	20.715	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	66383	20.828	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	3054	19.496	ug/l	93
82) 4-Chlorotoluene	12.99	91	56928	21.577	ug/l	95
83) tert-Butylbenzene	13.21	119	58728	21.061	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	67719	20.977	ug/l	97
85) sec-Butylbenzene	13.39	105	75388	19.653	ug/l	96
86) p-Isopropyltoluene	13.51	119	74366	21.493	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	32247	20.081	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	33338	20.970	ug/l	98
89) n-Butylbenzene	13.83	91	65984	20.849	ug/l	98
90) Hexachloroethane	14.10	117	12339	20.552	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	29290	20.757	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1902	19.891	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	19005	19.176	ug/l	96
94) Hexachlorobutadiene	15.24	225	11140	19.467	ug/l	93
95) Naphthalene	15.38	128	33037	19.572	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	16474	20.201	ug/l	96

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

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