

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007001.D
 Acq On : 21 Nov 2018 15:52
 Operator : VAY/AP
 Sample : VW1122SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 1:04:50 PM

Quant Time: Nov 21 16:51:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	117052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	180292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	167608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	82369	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	56765	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
35) Dibromofluoromethane	7.88	113	52488	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	10.32	98	232880	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.62	95	87951	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.00	85	28503	24.663	ug/l	97
3) Chloromethane	2.21	50	21826	22.662	ug/l	97
4) Vinyl Chloride	2.36	62	21283	22.460	ug/l	95
5) Bromomethane	2.78	94	11538	22.812	ug/l	93
6) Chloroethane	2.92	64	10952	20.966	ug/l	100
7) Trichlorofluoromethane	3.26	101	43106	23.134	ug/l	94
8) Diethyl Ether	3.68	74	12273	20.441	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	28154	23.306	ug/l	98
10) Methyl Iodide	4.28	142	26389	19.083	ug/l	99
11) Tert butyl alcohol	5.22	59	6653	89.181	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	23374	22.062	ug/l	97
13) Acrolein	3.90	56	7435	97.047	ug/l	96
14) Allyl chloride	4.67	41	37169	21.151	ug/l	99
15) Acrylonitrile	5.38	53	21177	93.843	ug/l	99
16) Acetone	4.14	43	16783	100.871	ug/l	98
17) Carbon Disulfide	4.38	76	74246	21.676	ug/l	98
18) Methyl Acetate	4.68	43	10226	17.259	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	54588	19.732	ug/l	100
20) Methylene Chloride	4.92	84	27961	17.587	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	26482	21.457	ug/l	96
22) Diisopropyl ether	6.32	45	70062	20.484	ug/l	98
23) Vinyl Acetate	6.26	43	186827	102.859	ug/l	99
24) 1,1-Dichloroethane	6.22	63	42929	20.631	ug/l	98
25) 2-Butanone	7.18	43	26675	93.608	ug/l	96
26) 2,2-Dichloropropane	7.17	77	42868	22.910	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	27716	21.088	ug/l	98
28) Bromochloromethane	7.52	49	13803	17.749	ug/l #	97
29) Tetrahydrofuran	7.54	42	16779	90.915	ug/l	98
30) Chloroform	7.68	83	45798	20.718	ug/l	99
31) Cyclohexane	7.96	56	50909	23.067	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	45564	22.884	ug/l	98
36) 1,1-Dichloropropene	8.09	75	40779	23.146	ug/l	100
37) Ethyl Acetate	7.26	43	13368	20.939	ug/l	97
38) Carbon Tetrachloride	8.07	117	39036	23.138	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	48950	22.202	ug/l	98
40) Benzene	8.32	78	102740	21.603	ug/l	99
41) Methacrylonitrile	7.49	41	7368	18.583	ug/l	95
42) 1,2-Dichloroethane	8.40	62	27760	20.105	ug/l	99
43) Isopropyl Acetate	8.43	43	23902	19.646	ug/l	99
44) Trichloroethene	9.09	130	29556	22.170	ug/l	93
45) 1,2-Dichloropropane	9.37	63	25702	21.924	ug/l	100
46) Dibromomethane	9.46	93	11749	20.012	ug/l	99
47) Bromodichloromethane	9.65	83	33511	21.665	ug/l	97
48) Methyl methacrylate	9.44	41	11168	19.037	ug/l	99
49) 1,4-Dioxane	9.48	88	3371	386.321	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	58180	94.626	ug/l	99
52) Toluene	10.39	92	68680	21.220	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	30356	20.259	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	37811	20.887	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	17494	20.253	ug/l	96
56) Ethyl methacrylate	10.65	69	19585	19.534	ug/l	99
57) 1,3-Dichloropropane	10.93	76	30087	20.785	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	50958	97.262	ug/l	100
59) 2-Hexanone	10.97	43	40423	96.008	ug/l	98
60) Dibromochloromethane	11.13	129	20108	20.430	ug/l	98
61) 1,2-Dibromoethane	11.24	107	15496	19.611	ug/l	97
64) Tetrachloroethene	10.86	164	23872	22.139	ug/l	96
65) Chlorobenzene	11.66	112	75212	21.500	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	22842	21.585	ug/l	99
67) Ethyl Benzene	11.73	91	140332	21.837	ug/l	97
68) m/p-Xylenes	11.84	106	110070	43.656	ug/l	100
69) o-Xylene	12.17	106	50966	21.438	ug/l	100
70) Styrene	12.18	104	80469	21.267	ug/l	100
71) Bromoform	12.35	173	9458	18.972	ug/l #	95
73) Isopropylbenzene	12.47	105	141207	22.058	ug/l	100
74) N-amyl acetate	12.27	43	21447	19.990	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	17312	20.321	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	10648m	16.451	ug/l	
77) Bromobenzene	12.75	156	29165	21.212	ug/l	99
78) n-propylbenzene	12.81	91	171247	22.084	ug/l	99
79) 2-Chlorotoluene	12.90	91	96373	21.555	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	119141	21.522	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	4841	18.778	ug/l	90
82) 4-Chlorotoluene	12.99	91	102209	21.784	ug/l	100
83) tert-Butylbenzene	13.21	119	105653	22.044	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	119545	21.675	ug/l	99
85) sec-Butylbenzene	13.39	105	148982	22.003	ug/l	99
86) p-Isopropyltoluene	13.51	119	132301	22.148	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	60824	21.669	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	60375	21.573	ug/l	98
89) n-Butylbenzene	13.83	91	124469	22.142	ug/l	98
90) Hexachloroethane	14.10	117	18985	21.770	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	53034	21.562	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2786	19.362	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	32235	19.875	ug/l	98
94) Hexachlorobutadiene	15.24	225	18605	21.101	ug/l	98
95) Naphthalene	15.38	128	54473	18.503	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	26783	19.905	ug/l	98

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

