

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122518\
 Data File : VW007883.D
 Acq On : 24 Dec 2018 12:50
 Operator : SY/AP
 Sample : VW1225SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1225SBS02

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 4:38:36 PM

Quant Time: Dec 25 02:55:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	69687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	112427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	100377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	49992	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	42028	55.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.04%	
35) Dibromofluoromethane	7.88	113	36907	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	
50) Toluene-d8	10.32	98	145781	56.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.76%	
62) 4-Bromofluorobenzene	12.62	95	55252	55.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	12671	20.453	ug/l	88
3) Chloromethane	2.21	50	11072	29.105	ug/l	100
4) Vinyl Chloride	2.37	62	14286	29.501	ug/l	99
5) Bromomethane	2.78	94	8092	23.992	ug/l	97
6) Chloroethane	2.93	64	7170	27.676	ug/l	91
7) Trichlorofluoromethane	3.25	101	10575	20.976	ug/l	94
8) Diethyl Ether	3.68	74	7604	24.625	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.06	101	16066	21.638	ug/l	98
10) Methyl Iodide	4.26	142	24864	21.057	ug/l	97
11) Tert butyl alcohol	5.17	59	6900	133.917	ug/l	99
12) 1,1-Dichloroethene	4.03	96	15714	22.855	ug/l	99
13) Acrolein	3.88	56	4911	119.208	ug/l	97
14) Allyl chloride	4.67	41	23021	25.533	ug/l	92
15) Acrylonitrile	5.37	53	16442	124.822	ug/l	99
16) Acetone	4.12	43	17911	125.226	ug/l	96
17) Carbon Disulfide	4.37	76	44129	20.741	ug/l	99
18) Methyl Acetate	4.67	43	8812	25.906	ug/l	91
19) Methyl tert-butyl Ether	5.43	73	24803	25.128	ug/l	94
20) Methylene Chloride	4.90	84	25218	33.128	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	16240	21.477	ug/l	96
22) Diisopropyl ether	6.31	45	42421	25.127	ug/l	96
23) Vinyl Acetate	6.26	43	126193	125.810	ug/l	98
24) 1,1-Dichloroethane	6.21	63	27997	22.542	ug/l	97
25) 2-Butanone	7.17	43	21504	128.360	ug/l	95
26) 2,2-Dichloropropane	7.16	77	21494	23.650	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	17618	21.869	ug/l	95
28) Bromochloromethane	7.51	49	9612	22.699	ug/l	87
29) Tetrahydrofuran	7.53	42	13638	136.478	ug/l	93
30) Chloroform	7.67	83	29613	21.069	ug/l	99
31) Cyclohexane	7.95	56	27263	23.978	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	27597	21.559	ug/l	98
36) 1,1-Dichloropropene	8.08	75	24584	22.656	ug/l	99
37) Ethyl Acetate	7.26	43	9353	24.975	ug/l	99
38) Carbon Tetrachloride	8.07	117	25557	19.999	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	31137	23.092	ug/l	98
40) Benzene	8.32	78	64067	22.125	ug/l	98
41) Methacrylonitrile	7.48	41	5184	24.382	ug/l	97
42) 1,2-Dichloroethane	8.40	62	20624	21.253	ug/l	98
43) Isopropyl Acetate	8.43	43	19178	25.561	ug/l	96
44) Trichloroethene	9.09	130	18019	20.577	ug/l	90
45) 1,2-Dichloropropane	9.37	63	14882	23.162	ug/l	98
46) Dibromomethane	9.46	93	8428	21.309	ug/l	95
47) Bromodichloromethane	9.65	83	21160	20.351	ug/l	99
48) Methyl methacrylate	9.44	41	9872m	26.360	ug/l	
49) 1,4-Dioxane	9.45	88	2921	465.819	ug/l	90
51) 4-Methyl-2-Pentanone	10.21	43	44655	125.938	ug/l	98
52) Toluene	10.39	92	43667	22.477	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	22494	21.750	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	25275	22.125	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	12132	22.250	ug/l	98
56) Ethyl methacrylate	10.65	69	15295	23.742	ug/l	95
57) 1,3-Dichloropropane	10.93	76	20923	23.109	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	35943	122.201	ug/l	97
59) 2-Hexanone	10.97	43	32940	132.096	ug/l	97
60) Dibromochloromethane	11.13	129	14175	19.634	ug/l	99
61) 1,2-Dibromoethane	11.24	107	12090	21.896	ug/l	100
64) Tetrachloroethene	10.87	164	14882	20.937	ug/l	98
65) Chlorobenzene	11.66	112	47654	21.934	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	15690	20.211	ug/l	97
67) Ethyl Benzene	11.73	91	85428	22.914	ug/l	95
68) m/p-Xylenes	11.84	106	65249	45.117	ug/l	99
69) o-Xylene	12.17	106	30232	22.301	ug/l	98
70) Styrene	12.18	104	49757	22.329	ug/l	99
71) Bromoform	12.35	173	7806	19.370	ug/l #	97
73) Isopropylbenzene	12.47	105	87902	23.262	ug/l	100
74) N-amyl acetate	12.27	43	17626	26.928	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	13429	23.702	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	8556m	22.143	ug/l	
77) Bromobenzene	12.75	156	18710	21.605	ug/l	94
78) n-propylbenzene	12.81	91	101548	23.085	ug/l	99
79) 2-Chlorotoluene	12.90	91	58934	22.998	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	74056	22.720	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	4354	23.653	ug/l	96
82) 4-Chlorotoluene	12.99	91	61698	22.613	ug/l	100
83) tert-Butylbenzene	13.21	119	66189	23.143	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	74661	22.700	ug/l	100
85) sec-Butylbenzene	13.39	105	92745	23.530	ug/l	99
86) p-Isopropyltoluene	13.51	119	81571	22.759	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	38261	22.252	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	37818	21.988	ug/l	99
89) n-Butylbenzene	13.83	91	76877	23.394	ug/l	99
90) Hexachloroethane	14.10	117	12410	19.722	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	33755	21.926	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2547	21.890	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	23785	22.257	ug/l	99
94) Hexachlorobutadiene	15.24	225	12878	22.549	ug/l	98
95) Naphthalene	15.37	128	47634	24.109	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	20536	22.450	ug/l	100

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

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