

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071118\
 Data File : VW003872.D
 Acq On : 11 Jul 2018 19:15
 Operator : SY/AP
 Sample : VW0711SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0711SBS01

Manual Integrations
 APPROVED

apatel
 7/12/2018 10:59:00 AM

Quant Time: Jul 12 02:23:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	335127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	169192	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	129273	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
35) Dibromofluoromethane	7.88	113	112053	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
50) Toluene-d8	10.33	98	440385	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
62) 4-Bromofluorobenzene	12.62	95	158326	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	19686	18.760	ug/l	98
3) Chloromethane	2.21	50	40930	20.545	ug/l	97
4) Vinyl Chloride	2.36	62	53405	20.325	ug/l	95
5) Bromomethane	2.78	94	37619	20.282	ug/l	96
6) Chloroethane	2.92	64	32772	20.797	ug/l	99
7) Trichlorofluoromethane	3.25	101	23592	22.226	ug/l	98
8) Diethyl Ether	3.67	74	24023	22.083	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	47394	22.959	ug/l	98
10) Methyl Iodide	4.26	142	65922	21.454	ug/l	98
11) Tert butyl alcohol	5.23	59	13435	87.861	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	46386	22.885	ug/l	97
13) Acrolein	3.90	56	17887	78.093	ug/l	99
14) Allyl chloride	4.65	41	77591	22.018	ug/l	99
15) Acrylonitrile	5.38	53	53897	98.937	ug/l	99
16) Acetone	4.14	43	51561	105.325	ug/l	98
17) Carbon Disulfide	4.37	76	144786	21.789	ug/l	99
18) Methyl Acetate	4.68	43	26236	19.009	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	83732	19.992	ug/l	97
20) Methylene Chloride	4.91	84	72861	28.670	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	50695	21.127	ug/l	95
22) Diisopropyl ether	6.31	45	161413	20.835	ug/l	98
23) Vinyl Acetate	6.26	43	473017	100.019	ug/l	100
24) 1,1-Dichloroethane	6.21	63	95321	20.343	ug/l	99
25) 2-Butanone	7.18	43	73190	95.454	ug/l	98
26) 2,2-Dichloropropane	7.17	77	55324	21.769	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	53544	20.179	ug/l	99
28) Bromochloromethane	7.51	49	42011	20.126	ug/l	100
29) Tetrahydrofuran	7.54	42	46458	94.254	ug/l	98
30) Chloroform	7.67	83	97587	20.416	ug/l	96
31) Cyclohexane	7.96	56	86430	20.991	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	75388	20.723	ug/l	99
36) 1,1-Dichloropropene	8.08	75	77167	21.701	ug/l	100
37) Ethyl Acetate	7.26	43	33513	19.370	ug/l	99
38) Carbon Tetrachloride	8.07	117	72302	21.386	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	86537	22.220	ug/l	97
40) Benzene	8.32	78	217398	21.385	ug/l	98
41) Methacrylonitrile	7.49	41	18511	18.599	ug/l	97
42) 1,2-Dichloroethane	8.40	62	67827	20.616	ug/l	99
43) Isopropyl Acetate	8.43	43	62957	19.199	ug/l	99
44) Trichloroethene	9.09	130	54198	21.148	ug/l	97
45) 1,2-Dichloropropane	9.37	63	55338	20.936	ug/l	99
46) Dibromomethane	9.46	93	28093	20.213	ug/l	99
47) Bromodichloromethane	9.65	83	70342	20.573	ug/l	99
48) Methyl methacrylate	9.44	41	29643	18.982	ug/l	95
49) 1,4-Dioxane	9.48	88	7714	371.364	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	164862	97.156	ug/l	100
52) Toluene	10.39	92	137009	21.735	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	68758	20.141	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	79820	20.712	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38494	19.942	ug/l	96
56) Ethyl methacrylate	10.65	69	46064	19.555	ug/l	98
57) 1,3-Dichloropropane	10.93	76	67832	20.161	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	101398	90.617	ug/l	99
59) 2-Hexanone	10.98	43	114297	98.090	ug/l	96
60) Dibromochloromethane	11.13	129	44269	19.646	ug/l	99
61) 1,2-Dibromoethane	11.24	107	37190	20.146	ug/l	98
64) Tetrachloroethene	10.87	164	46500	20.141	ug/l	98
65) Chlorobenzene	11.66	112	146669	21.317	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	50256	20.902	ug/l	97
67) Ethyl Benzene	11.74	91	256243	21.780	ug/l	100
68) m/p-Xylenes	11.84	106	196680	43.656	ug/l	99
69) o-Xylene	12.17	106	90421	21.751	ug/l	99
70) Styrene	12.19	104	154762	21.893	ug/l	99
71) Bromoform	12.35	173	26516	19.983	ug/l #	97
73) Isopropylbenzene	12.47	105	251176	21.921	ug/l	100
74) N-amyl acetate	12.28	43	60839	19.589	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	47348	20.384	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	37761m	22.728	ug/l	
77) Bromobenzene	12.75	156	59667	20.976	ug/l	98
78) n-propylbenzene	12.81	91	319056	22.182	ug/l	100
79) 2-Chlorotoluene	12.90	91	178422	21.592	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	220760	22.354	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	14007	20.623	ug/l	97
82) 4-Chlorotoluene	12.99	91	194056	21.839	ug/l	99
83) tert-Butylbenzene	13.21	119	180791	22.198	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	225734	22.003	ug/l	99
85) sec-Butylbenzene	13.39	105	271103	22.251	ug/l	99
86) p-Isopropyltoluene	13.51	119	235814	22.150	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	122728	21.295	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	121935	21.040	ug/l	99
89) n-Butylbenzene	13.83	91	231502	22.106	ug/l	99
90) Hexachloroethane	14.10	117	43298	21.113	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	110055	21.216	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7751	19.277	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	75027	21.368	ug/l	99
94) Hexachlorobutadiene	15.24	225	42788	21.305	ug/l	98
95) Naphthalene	15.38	128	129012	20.559	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	68412	21.760	ug/l	98

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

