

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004335.D
 Acq On : 30 Jul 2018 02:26
 Operator : SY/AP
 Sample : VW0730SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0730SBS02

Manual Integrations
 APPROVED

apatel
 7/30/2018 10:33:58 AM

Quant Time: Jul 30 06:57:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	141442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	210032	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	190058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	107199	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	69825	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
35) Dibromofluoromethane	7.88	113	64175	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
50) Toluene-d8	10.33	98	250410	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
62) 4-Bromofluorobenzene	12.62	95	91798	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	8929m	19.10	ug/l	
3) Chloromethane	2.21	50	16416	23.43	ug/l	97
4) Vinyl Chloride	2.36	62	27638	20.73	ug/l	98
5) Bromomethane	2.77	94	19508	22.73	ug/l	99
6) Chloroethane	2.92	64	16450	20.47	ug/l	99
7) Trichlorofluoromethane	3.25	101	15715	18.19	ug/l	95
8) Diethyl Ether	3.67	74	13250	19.99	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	22936	16.97	ug/l	93
10) Methyl Iodide	4.26	142	40390	20.03	ug/l	98
11) Tert butyl alcohol	5.17	59	10419	108.46	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	23218	17.43	ug/l	94
13) Acrolein	3.89	56	6604	76.79	ug/l	92
14) Allyl chloride	4.66	41	31499	14.87	ug/l #	88
15) Acrylonitrile	5.37	53	25927	84.08	ug/l	98
16) Acetone	4.12	43	21828	70.74	ug/l	100
17) Carbon Disulfide	4.37	76	68786	16.43	ug/l	100
18) Methyl Acetate	4.67	43	12267	16.06	ug/l	92
19) Methyl tert-butyl Ether	5.43	73	47751	19.39	ug/l	94
20) Methylene Chloride	4.91	84	25617	17.75	ug/l	90
21) trans-1,2-Dichloroethene	5.42	96	26026	17.95	ug/l	96
22) Diisopropyl ether	6.31	45	66495	15.53	ug/l #	94
23) Vinyl Acetate	6.26	43	187389	75.42	ug/l #	92
24) 1,1-Dichloroethane	6.21	63	44344	16.43	ug/l	98
25) 2-Butanone	7.18	43	31340	79.09	ug/l #	89
26) 2,2-Dichloropropane	7.17	77	24890	15.55	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	29598	19.27	ug/l	89
28) Bromochloromethane	7.51	49	16270	16.83	ug/l #	69
29) Tetrahydrofuran	7.53	42	20269	75.99	ug/l #	84
30) Chloroform	7.68	83	49937	18.95	ug/l	100
31) Cyclohexane	7.95	56	36223	14.87	ug/l #	87
32) 1,1,1-Trichloroethane	7.87	97	41631	19.24	ug/l	97
36) 1,1-Dichloropropene	8.08	75	35995	17.13	ug/l	96
37) Ethyl Acetate	7.26	43	13351	15.51	ug/l #	92
38) Carbon Tetrachloride	8.07	117	40044	19.30	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	42033	16.60	ug/l	96
40) Benzene	8.32	78	105586	17.86	ug/l	99
41) Methacrylonitrile	7.49	41	7283	14.46	ug/l #	74
42) 1,2-Dichloroethane	8.40	62	33963	20.10	ug/l	99
43) Isopropyl Acetate	8.43	43	27658	17.82	ug/l #	95
44) Trichloroethene	9.09	130	31962	20.03	ug/l	83
45) 1,2-Dichloropropane	9.37	63	25133	17.14	ug/l	98
46) Dibromomethane	9.46	93	14336	19.14	ug/l	90
47) Bromodichloromethane	9.65	83	36508	19.22	ug/l #	97
48) Methyl methacrylate	9.44	41	13257	16.77	ug/l	89
49) 1,4-Dioxane	9.45	88	5179	456.14	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	69857	82.02	ug/l	93
52) Toluene	10.39	92	70206	18.92	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	34765	18.27	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	39337	17.73	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	20872	19.56	ug/l	93
56) Ethyl methacrylate	10.65	69	25107	19.44	ug/l	92
57) 1,3-Dichloropropane	10.94	76	33682	18.53	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	55230	96.28	ug/l	90
59) 2-Hexanone	10.98	43	47436	81.12	ug/l	92
60) Dibromochloromethane	11.13	129	26737	20.94	ug/l	100
61) 1,2-Dibromoethane	11.24	107	19543	19.20	ug/l	95
64) Tetrachloroethene	10.87	164	30829	22.14	ug/l	98
65) Chlorobenzene	11.66	112	79527	19.92	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	28700	20.39	ug/l	96
67) Ethyl Benzene	11.74	91	131167	18.85	ug/l	95
68) m/p-Xylenes	11.84	106	102885	38.43	ug/l	98
69) o-Xylene	12.17	106	47934	19.38	ug/l	98
70) Styrene	12.19	104	83192	19.90	ug/l	98
71) Bromoform	12.35	173	17026	21.58	ug/l #	98
73) Isopropylbenzene	12.47	105	135906	18.28	ug/l	99
74) N-amyl acetate	12.28	43	25138	15.48	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.72	83	21869	16.80	ug/l	94
76) 1,2,3-Trichloropropane	12.77	75	15934m	16.29	ug/l	
77) Bromobenzene	12.76	156	35487	19.76	ug/l	89
78) n-propylbenzene	12.81	91	160212	17.69	ug/l	98
79) 2-Chlorotoluene	12.90	91	94666	18.28	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	122266	19.09	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	6103	14.52	ug/l	96
82) 4-Chlorotoluene	12.99	91	102013	18.61	ug/l	99
83) tert-Butylbenzene	13.21	119	102012	19.12	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	126953	19.44	ug/l	98
85) sec-Butylbenzene	13.39	105	134373	17.24	ug/l	94
86) p-Isopropyltoluene	13.51	119	129269	18.47	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	70675	19.66	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	67965	18.95	ug/l	98
89) n-Butylbenzene	13.83	91	111760	17.10	ug/l	98
90) Hexachloroethane	14.10	117	22464	18.00	ug/l	88
91) 1,2-Dichlorobenzene	13.88	146	64170	19.94	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4401	19.36	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	45179	20.00	ug/l	96
94) Hexachlorobutadiene	15.25	225	28317	20.51	ug/l	98
95) Naphthalene	15.38	128	80585	20.73	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	41692	21.09	ug/l	99

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

