

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003605.D
 Acq On : 27 Jun 2018 11:39
 Operator : SY/AP
 Sample : VW0627SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS02

Manual Integrations
 APPROVED

apatel
 6/28/2018 12:35:14 PM

Quant Time: Jun 27 14:11:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	216403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	331013	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	165073	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	117433	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
35) Dibromofluoromethane	7.88	113	104831	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
50) Toluene-d8	10.33	98	424433	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.63	95	150794	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	17083	26.11	ug/l	88
3) Chloromethane	2.21	50	33695	20.38	ug/l	99
4) Vinyl Chloride	2.36	62	48699	20.21	ug/l	99
5) Bromomethane	2.78	94	29243	18.26	ug/l	93
6) Chloroethane	2.92	64	32664	19.47	ug/l	98
7) Trichlorofluoromethane	3.25	101	31118	21.56	ug/l	92
8) Diethyl Ether	3.68	74	21876	20.63	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43300	21.60	ug/l	98
10) Methyl Iodide	4.26	142	62340	20.56	ug/l	99
11) Tert butyl alcohol	5.24	59	11531m	91.73	ug/l	
12) 1,1-Dichloroethene	4.02	96	40209	20.53	ug/l	98
13) Acrolein	3.89	56	12049	67.04	ug/l	97
14) Allyl chloride	4.66	41	69789	20.57	ug/l	100
15) Acrylonitrile	5.38	53	42333	97.02	ug/l	97
16) Acetone	4.15	43	50617	102.96	ug/l	97
17) Carbon Disulfide	4.37	76	119816	20.69	ug/l	99
18) Methyl Acetate	4.68	43	21742	18.64	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	71519	19.49	ug/l	97
20) Methylene Chloride	4.90	84	53059	23.46	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	44313	20.78	ug/l	95
22) Diisopropyl ether	6.31	45	145038	21.24	ug/l	94
23) Vinyl Acetate	6.26	43	389355	98.93	ug/l	100
24) 1,1-Dichloroethane	6.21	63	86949	21.45	ug/l	99
25) 2-Butanone	7.18	43	62112	101.61	ug/l	92
26) 2,2-Dichloropropane	7.17	77	56466	20.87	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	47800	20.41	ug/l	96
28) Bromochloromethane	7.51	49	32081	19.02	ug/l	95
29) Tetrahydrofuran	7.54	42	34357	91.96	ug/l	99
30) Chloroform	7.68	83	89798	21.74	ug/l	99
31) Cyclohexane	7.95	56	77540	20.47	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	71937	21.10	ug/l	99
36) 1,1-Dichloropropene	8.09	75	69543	21.75	ug/l	99
37) Ethyl Acetate	7.26	43	26170	19.76	ug/l	99
38) Carbon Tetrachloride	8.07	117	67037	21.38	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	75856	20.51	ug/l	100
40) Benzene	8.32	78	194351	22.06	ug/l	98
41) Methacrylonitrile	7.49	41	15535	19.12	ug/l	96
42) 1,2-Dichloroethane	8.40	62	59488	21.55	ug/l	100
43) Isopropyl Acetate	8.43	43	49566	18.85	ug/l	97
44) Trichloroethene	9.09	130	50885	21.79	ug/l	100
45) 1,2-Dichloropropane	9.37	63	48994	21.84	ug/l	98
46) Dibromomethane	9.46	93	23892	20.80	ug/l	98
47) Bromodichloromethane	9.65	83	64348	21.86	ug/l	98
48) Methyl methacrylate	9.44	41	23835	19.29	ug/l	97
49) 1,4-Dioxane	9.50	88	6132	353.57	ug/l #	73
51) 4-Methyl-2-Pentanone	10.22	43	129154	96.39	ug/l	100
52) Toluene	10.39	92	123743	21.90	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	61246	20.36	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	71180	20.79	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	34067	21.05	ug/l	97
56) Ethyl methacrylate	10.65	69	37549	19.10	ug/l	98
57) 1,3-Dichloropropane	10.94	76	58478	20.95	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	85180	96.67	ug/l	99
59) 2-Hexanone	10.98	43	93827	100.24	ug/l	99
60) Dibromochloromethane	11.13	129	39366	20.45	ug/l	100
61) 1,2-Dibromoethane	11.24	107	31156	20.35	ug/l	98
64) Tetrachloroethene	10.87	164	42655	20.56	ug/l	98
65) Chlorobenzene	11.66	112	134373	20.81	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	47831	21.07	ug/l	96
67) Ethyl Benzene	11.74	91	236366	20.65	ug/l	100
68) m/p-Xylenes	11.85	106	186065	42.75	ug/l	98
69) o-Xylene	12.17	106	83156	20.62	ug/l	99
70) Styrene	12.19	104	140847	20.98	ug/l	99
71) Bromoform	12.35	173	22643	19.25	ug/l #	98
73) Isopropylbenzene	12.47	105	235451	20.51	ug/l	99
74) N-amyl acetate	12.28	43	47827	18.30	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	38419	19.78	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	28208m	19.99	ug/l	
77) Bromobenzene	12.76	156	54087	20.23	ug/l	97
78) n-propylbenzene	12.81	91	296305	21.08	ug/l	100
79) 2-Chlorotoluene	12.90	91	166117	20.91	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	205059	21.28	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11289	18.41	ug/l	97
82) 4-Chlorotoluene	13.00	91	176995	21.00	ug/l	100
83) tert-Butylbenzene	13.21	119	168538	20.52	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	211695	21.35	ug/l	98
85) sec-Butylbenzene	13.39	105	253554	20.77	ug/l	100
86) p-Isopropyltoluene	13.51	119	227284	21.11	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	113820	20.72	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	116915	21.41	ug/l	99
89) n-Butylbenzene	13.83	91	222005	21.15	ug/l	98
90) Hexachloroethane	14.10	117	40477	20.78	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	100558	20.90	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6109	18.69	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	68790	20.36	ug/l	100
94) Hexachlorobutadiene	15.25	225	42119	20.73	ug/l	98
95) Naphthalene	15.38	128	105752	18.46	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	58608	19.71	ug/l	100

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

