

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003978.D
 Acq On : 17 Jul 2018 12:16
 Operator : VA/AP
 Sample : VW0717SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBS01

Manual Integrations
 APPROVED

apatel
 7/18/2018 11:39:27 AM

Quant Time: Jul 17 14:03:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 17 11:52:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	249212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	391237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	367524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	192465	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	152239	54.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.30%	
35) Dibromofluoromethane	7.88	113	131319	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
50) Toluene-d8	10.32	98	521460	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
62) 4-Bromofluorobenzene	12.62	95	185531	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	27647	19.75	ug/l	98
3) Chloromethane	2.21	50	41818	22.70	ug/l	99
4) Vinyl Chloride	2.36	62	52121	20.57	ug/l	96
5) Bromomethane	2.76	94	34910	22.04	ug/l	99
6) Chloroethane	2.92	64	31595	21.95	ug/l	100
7) Trichlorofluoromethane	3.25	101	23941	22.51	ug/l	97
8) Diethyl Ether	3.68	74	24995	20.24	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	53466	21.78	ug/l	98
10) Methyl Iodide	4.26	142	75119	21.31	ug/l	98
11) Tert butyl alcohol	5.18	59	24471	127.25	ug/l	97
12) 1,1-Dichloroethene	4.03	96	52607	21.72	ug/l	98
13) Acrolein	3.88	56	19923	100.83	ug/l	96
14) Allyl chloride	4.65	41	83816	20.97	ug/l	96
15) Acrylonitrile	5.37	53	67027	105.94	ug/l	98
16) Acetone	4.12	43	72606	108.46	ug/l	93
17) Carbon Disulfide	4.37	76	164788	21.80	ug/l	99
18) Methyl Acetate	4.67	43	32297	20.10	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	96351	20.76	ug/l	98
20) Methylene Chloride	4.90	84	65213	16.86	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	55772	21.01	ug/l	98
22) Diisopropyl ether	6.31	45	177168	21.93	ug/l	98
23) Vinyl Acetate	6.26	43	545874	106.63	ug/l	100
24) 1,1-Dichloroethane	6.21	63	104885	21.28	ug/l	98
25) 2-Butanone	7.18	43	97181	107.88	ug/l	97
26) 2,2-Dichloropropane	7.17	77	62576	22.11	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	59073	20.58	ug/l	98
28) Bromochloromethane	7.51	49	44108	21.86	ug/l	99
29) Tetrahydrofuran	7.53	42	61236	109.13	ug/l	97
30) Chloroform	7.68	83	105086	21.43	ug/l	98
31) Cyclohexane	7.95	56	97995	21.21	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	82073	21.43	ug/l	98
36) 1,1-Dichloropropene	8.08	75	84575	21.01	ug/l	99
37) Ethyl Acetate	7.26	43	41803	21.53	ug/l	99
38) Carbon Tetrachloride	8.07	117	78787	20.95	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	95817	20.33	ug/l	99
40) Benzene	8.32	78	237473	21.26	ug/l	99
41) Methacrylonitrile	7.48	41	21291	19.79	ug/l	95
42) 1,2-Dichloroethane	8.40	62	75399	22.13	ug/l	99
43) Isopropyl Acetate	8.43	43	76963	21.19	ug/l	99
44) Trichloroethene	9.09	130	60028	20.74	ug/l	98
45) 1,2-Dichloropropane	9.37	63	60762	21.32	ug/l	100
46) Dibromomethane	9.46	93	32483	21.96	ug/l	98
47) Bromodichloromethane	9.65	83	77038	21.13	ug/l	96
48) Methyl methacrylate	9.44	41	36754	20.93	ug/l	98
49) 1,4-Dioxane	9.45	88	9658	424.81	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	208047	107.54	ug/l	99
52) Toluene	10.39	92	147821	21.41	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	79084	20.74	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	90933	20.85	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	44852	21.56	ug/l	96
56) Ethyl methacrylate	10.65	69	54912	20.31	ug/l	98
57) 1,3-Dichloropropane	10.93	76	77282	21.38	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	123553	100.12	ug/l	98
59) 2-Hexanone	10.98	43	148730	109.07	ug/l	97
60) Dibromochloromethane	11.13	129	51454	21.24	ug/l	98
61) 1,2-Dibromoethane	11.24	107	43264	21.86	ug/l	100
64) Tetrachloroethene	10.87	164	51113	20.27	ug/l	98
65) Chlorobenzene	11.66	112	159252	20.38	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	56579	20.83	ug/l	98
67) Ethyl Benzene	11.74	91	277725	20.23	ug/l	99
68) m/p-Xylenes	11.85	106	217273	41.41	ug/l	100
69) o-Xylene	12.17	106	97928	20.12	ug/l	98
70) Styrene	12.19	104	165545	20.36	ug/l	99
71) Bromoform	12.35	173	31168	20.33	ug/l #	98
73) Isopropylbenzene	12.47	105	271397	19.96	ug/l	100
74) N-amyl acetate	12.28	43	73060	20.62	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	54962	20.90	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	39136m	20.48	ug/l	
77) Bromobenzene	12.75	156	65124	20.01	ug/l	98
78) n-propylbenzene	12.81	91	344651	20.66	ug/l	100
79) 2-Chlorotoluene	12.90	91	194846	20.71	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	236722	20.68	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	17046	19.73	ug/l	93
82) 4-Chlorotoluene	12.99	91	205608	20.36	ug/l	100
83) tert-Butylbenzene	13.21	119	193022	20.09	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	243829	20.71	ug/l	99
85) sec-Butylbenzene	13.39	105	291245	20.43	ug/l	100
86) p-Isopropyltoluene	13.51	119	256246	20.49	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	134422	20.68	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	134867	20.69	ug/l	99
89) n-Butylbenzene	13.83	91	252558	20.54	ug/l	99
90) Hexachloroethane	14.10	117	46916	20.35	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	120326	20.78	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9109	19.48	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	83397	20.51	ug/l	99
94) Hexachlorobutadiene	15.25	225	48330	20.69	ug/l	99
95) Naphthalene	15.38	128	148781	19.82	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	74310	20.64	ug/l	99

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

