

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW004003.D
 Acq On : 18 Jul 2018 01:17
 Operator : VA/AP
 Sample : VW0717SBS02
 Misc : 6.03G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBS02

Manual Integrations
 APPROVED

apatel
 7/18/2018 12:30:31 PM

Quant Time: Jul 18 06:55:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	209543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	339725	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	166895	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	135501	57.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.70%	
35) Dibromofluoromethane	7.88	113	118440	54.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.68%	
50) Toluene-d8	10.33	98	467761	55.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.60%	
62) 4-Bromofluorobenzene	12.63	95	163040	53.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	18624	15.83	ug/l	96
3) Chloromethane	2.21	50	35829	23.13	ug/l	100
4) Vinyl Chloride	2.36	62	48489	22.76	ug/l	99
5) Bromomethane	2.77	94	28519	21.42	ug/l	99
6) Chloroethane	2.92	64	25885	21.38	ug/l	94
7) Trichlorofluoromethane	3.25	101	20150	22.53	ug/l	99
8) Diethyl Ether	3.67	74	21930	21.12	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	44484	21.55	ug/l	98
10) Methyl Iodide	4.26	142	64079	21.62	ug/l	98
11) Tert butyl alcohol	5.19	59	19559	120.96	ug/l	98
12) 1,1-Dichloroethene	4.03	96	43636	21.43	ug/l	99
13) Acrolein	3.89	56	16061	96.67	ug/l	98
14) Allyl chloride	4.66	41	71677	21.32	ug/l	98
15) Acrylonitrile	5.37	53	57326	107.76	ug/l	99
16) Acetone	4.12	43	49396	87.76	ug/l	98
17) Carbon Disulfide	4.37	76	138186	21.74	ug/l	99
18) Methyl Acetate	4.67	43	29834	22.08	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	80226	20.56	ug/l	98
20) Methylene Chloride	4.91	84	58237	18.48	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	47523	21.29	ug/l	97
22) Diisopropyl ether	6.31	45	154362	22.72	ug/l	98
23) Vinyl Acetate	6.26	43	444164	103.19	ug/l	98
24) 1,1-Dichloroethane	6.21	63	92699	22.36	ug/l	98
25) 2-Butanone	7.18	43	78244	103.30	ug/l	97
26) 2,2-Dichloropropane	7.17	77	46755	19.65	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	51190	21.21	ug/l	98
28) Bromochloromethane	7.51	49	40604	23.94	ug/l	97
29) Tetrahydrofuran	7.53	42	50603	107.25	ug/l	97
30) Chloroform	7.68	83	94501	22.92	ug/l	99
31) Cyclohexane	7.95	56	79342	20.42	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	71548	22.22	ug/l	99
36) 1,1-Dichloropropene	8.09	75	73026	20.89	ug/l	100
37) Ethyl Acetate	7.26	43	35227	20.90	ug/l	99
38) Carbon Tetrachloride	8.07	117	67066	20.54	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	78112	19.08	ug/l	92
40) Benzene	8.32	78	210447	21.70	ug/l	100
41) Methacrylonitrile	7.49	41	19728	21.12	ug/l	92
42) 1,2-Dichloroethane	8.40	62	65028	21.98	ug/l	99
43) Isopropyl Acetate	8.43	43	62799	19.92	ug/l	99
44) Trichloroethene	9.09	130	51423	20.46	ug/l	99
45) 1,2-Dichloropropane	9.37	63	53523	21.63	ug/l	97
46) Dibromomethane	9.46	93	28044	21.84	ug/l	99
47) Bromodichloromethane	9.65	83	67218	21.23	ug/l	99
48) Methyl methacrylate	9.44	41	30422	19.95	ug/l	97
49) 1,4-Dioxane	9.45	88	8852	448.39	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	175760	104.62	ug/l	98
52) Toluene	10.39	92	130832	21.82	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	64804	19.57	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	74559	19.69	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	38828	21.50	ug/l	98
56) Ethyl methacrylate	10.65	69	44793	19.26	ug/l	97
57) 1,3-Dichloropropane	10.94	76	67504	21.51	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	117507	109.66	ug/l	99
59) 2-Hexanone	10.98	43	117329	99.09	ug/l	96
60) Dibromochloromethane	11.13	129	45105	21.44	ug/l	98
61) 1,2-Dibromoethane	11.24	107	36278	21.11	ug/l	97
64) Tetrachloroethene	10.87	164	48753	22.56	ug/l	96
65) Chlorobenzene	11.66	112	138901	20.74	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48266	20.74	ug/l	99
67) Ethyl Benzene	11.74	91	238276	20.26	ug/l	100
68) m/p-Xylenes	11.85	106	184622	41.06	ug/l	100
69) o-Xylene	12.17	106	84819	20.34	ug/l	96
70) Styrene	12.19	104	146237	20.99	ug/l	100
71) Bromoform	12.35	173	26528	20.19	ug/l #	100
73) Isopropylbenzene	12.47	105	231708	19.65	ug/l	99
74) N-amyl acetate	12.28	43	60811	19.79	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	46543	20.41	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	34177m	20.63	ug/l	
77) Bromobenzene	12.76	156	57412	20.35	ug/l	99
78) n-propylbenzene	12.81	91	295396	20.42	ug/l	100
79) 2-Chlorotoluene	12.90	91	169996	20.83	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	204611	20.62	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	13257	17.70	ug/l	94
82) 4-Chlorotoluene	12.99	91	179168	20.46	ug/l	99
83) tert-Butylbenzene	13.21	119	164692	19.77	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	212190	20.78	ug/l	100
85) sec-Butylbenzene	13.39	105	247689	20.03	ug/l	99
86) p-Isopropyltoluene	13.51	119	216631	19.98	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	115284	20.45	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	115705	20.47	ug/l	99
89) n-Butylbenzene	13.83	91	204841	19.22	ug/l	99
90) Hexachloroethane	14.10	117	40471	20.25	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	103636	20.64	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8061	19.88	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	68437	19.41	ug/l	99
94) Hexachlorobutadiene	15.24	225	40568	20.03	ug/l	98
95) Naphthalene	15.38	128	123020	18.90	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	61465	19.68	ug/l	98

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

