

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW004004.D
 Acq On : 18 Jul 2018 01:43
 Operator : VA/AP
 Sample : VW0717SBS02
 Misc : 6.86G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBS02

Manual Integrations
 APPROVED

apatel
 7/18/2018 12:30:35 PM

Quant Time: Jul 18 06:56:52 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	220916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	358349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	329299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	172507	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	135133	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	
35) Dibromofluoromethane	7.88	113	116897	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	10.33	98	465202	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
62) 4-Bromofluorobenzene	12.62	95	163053	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	20735m	16.71	ug/l	
3) Chloromethane	2.21	50	37920	23.22	ug/l	98
4) Vinyl Chloride	2.36	62	50814	22.62	ug/l	98
5) Bromomethane	2.76	94	31292	22.29	ug/l	100
6) Chloroethane	2.92	64	27965	21.91	ug/l	99
7) Trichlorofluoromethane	3.24	101	21382	22.68	ug/l	97
8) Diethyl Ether	3.68	74	24132	22.05	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44752	20.57	ug/l	99
10) Methyl Iodide	4.26	142	68602	21.95	ug/l	100
11) Tert butyl alcohol	5.19	59	17681	103.72	ug/l #	72
12) 1,1-Dichloroethene	4.03	96	46081	21.46	ug/l	99
13) Acrolein	3.89	56	15929	90.94	ug/l	100
14) Allyl chloride	4.66	41	76082	21.47	ug/l	98
15) Acrylonitrile	5.37	53	58360	104.05	ug/l	99
16) Acetone	4.12	43	50196	84.59	ug/l	97
17) Carbon Disulfide	4.37	76	146282	21.83	ug/l	98
18) Methyl Acetate	4.67	43	30458	21.38	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	84808	20.61	ug/l	100
20) Methylene Chloride	4.91	84	59117	17.45	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	51840	22.03	ug/l	97
22) Diisopropyl ether	6.31	45	162415	22.68	ug/l	98
23) Vinyl Acetate	6.26	43	459794	101.32	ug/l	99
24) 1,1-Dichloroethane	6.21	63	97360	22.28	ug/l	99
25) 2-Butanone	7.18	43	77341	96.85	ug/l	99
26) 2,2-Dichloropropane	7.17	77	48144	19.19	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	54128	21.28	ug/l	100
28) Bromochloromethane	7.51	49	41607	23.26	ug/l	96
29) Tetrahydrofuran	7.54	42	50730	101.99	ug/l	98
30) Chloroform	7.68	83	99191	22.82	ug/l	99
31) Cyclohexane	7.96	56	84807	20.70	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	74885	22.06	ug/l	99
36) 1,1-Dichloropropene	8.08	75	76569	20.77	ug/l	99
37) Ethyl Acetate	7.26	43	35441	19.93	ug/l	99
38) Carbon Tetrachloride	8.07	117	70035	20.33	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	82876	19.19	ug/l	95
40) Benzene	8.32	78	222023	21.71	ug/l	100
41) Methacrylonitrile	7.49	41	20281	20.58	ug/l	92
42) 1,2-Dichloroethane	8.40	62	68778	22.04	ug/l	99
43) Isopropyl Acetate	8.43	43	66351	19.95	ug/l	99
44) Trichloroethene	9.09	130	55099	20.78	ug/l	97
45) 1,2-Dichloropropane	9.37	63	56785	21.75	ug/l	98
46) Dibromomethane	9.46	93	29407	21.71	ug/l	97
47) Bromodichloromethane	9.65	83	71901	21.53	ug/l	94
48) Methyl methacrylate	9.44	41	31465	19.56	ug/l	98
49) 1,4-Dioxane	9.46	88	9063	435.22	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	175644	99.12	ug/l	99
52) Toluene	10.39	92	136872	21.64	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	68489	19.61	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	77715	19.45	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	40566	21.29	ug/l	97
56) Ethyl methacrylate	10.65	69	46030	18.84	ug/l	94
57) 1,3-Dichloropropane	10.93	76	70319	21.24	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	120404	106.52	ug/l	98
59) 2-Hexanone	10.98	43	117763	94.29	ug/l	96
60) Dibromochloromethane	11.13	129	46246	20.84	ug/l	98
61) 1,2-Dibromoethane	11.24	107	37475	20.67	ug/l	99
64) Tetrachloroethene	10.87	164	53109	23.50	ug/l	97
65) Chlorobenzene	11.66	112	144717	20.67	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	50499	20.75	ug/l	100
67) Ethyl Benzene	11.74	91	251781	20.47	ug/l	98
68) m/p-Xylenes	11.85	106	196524	41.80	ug/l	99
69) o-Xylene	12.17	106	88498	20.29	ug/l	97
70) Styrene	12.19	104	151503	20.80	ug/l	99
71) Bromoform	12.35	173	26940	19.61	ug/l #	98
73) Isopropylbenzene	12.47	105	244986	20.10	ug/l	99
74) N-amyl acetate	12.28	43	60795	19.14	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	47130	19.99	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	40419m	23.60	ug/l	
77) Bromobenzene	12.76	156	60213	20.64	ug/l	98
78) n-propylbenzene	12.81	91	308304	20.62	ug/l	100
79) 2-Chlorotoluene	12.90	91	177545	21.05	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	211468	20.61	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12736	16.45	ug/l	90
82) 4-Chlorotoluene	12.99	91	188033	20.77	ug/l	100
83) tert-Butylbenzene	13.21	119	170372	19.78	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	219177	20.77	ug/l	98
85) sec-Butylbenzene	13.39	105	261394	20.46	ug/l	99
86) p-Isopropyltoluene	13.51	119	223451	19.94	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	118572	20.35	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	119777	20.50	ug/l	99
89) n-Butylbenzene	13.83	91	215657	19.57	ug/l	99
90) Hexachloroethane	14.10	117	42159	20.40	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	109027	21.01	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8104	19.33	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	71507	19.62	ug/l	99
94) Hexachlorobutadiene	15.25	225	41565	19.86	ug/l	99
95) Naphthalene	15.38	128	126193	18.76	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	63815	19.77	ug/l	99

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

