

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002549.D
 Acq On : 15 May 2018 13:28
 Operator : JC/SY
 Sample : VW0515SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS02

Manual Integrations
 APPROVED

apatel
 5/16/2018 12:25:38 PM

Quant Time: May 16 05:58:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 03:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	241047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	347274	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	317809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	172855	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	114138	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	
35) Dibromofluoromethane	7.88	113	106665	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
50) Toluene-d8	10.33	98	423146	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.63	95	147470	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	19852m	21.34	ug/l	
3) Chloromethane	2.21	50	34255	19.25	ug/l	94
4) Vinyl Chloride	2.36	62	52575	18.84	ug/l	95
5) Bromomethane	2.77	94	45335	19.82	ug/l	95
6) Chloroethane	2.92	64	38737	20.17	ug/l	97
7) Trichlorofluoromethane	3.24	101	24201	19.69	ug/l	96
8) Diethyl Ether	3.67	74	27803	18.90	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.04	101	41288	20.27	ug/l	99
10) Methyl Iodide	4.26	142	62904	19.38	ug/l	99
11) Tert butyl alcohol	5.19	59	16888	88.20	ug/l	99
12) 1,1-Dichloroethene	4.03	96	40441	20.06	ug/l	96
13) Acrolein	3.89	56	16288	86.35	ug/l	90
14) Allyl chloride	4.65	41	57651	19.27	ug/l	100
15) Acrylonitrile	5.37	53	46403	87.47	ug/l	99
16) Acetone	4.12	43	57621	109.57	ug/l	98
17) Carbon Disulfide	4.36	76	112645	20.30	ug/l	99
18) Methyl Acetate	4.67	43	23237	15.16	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	67129	18.12	ug/l	99
20) Methylene Chloride	4.92	84	42201	18.43	ug/l	95
21) trans-1,2-Dichloroethene	5.40	96	43257	19.85	ug/l	99
22) Diisopropyl ether	6.31	45	122166	18.43	ug/l	96
23) Vinyl Acetate	6.25	43	374401	93.21	ug/l	100
24) 1,1-Dichloroethane	6.20	63	76466	19.14	ug/l	98
25) 2-Butanone	7.17	43	67931	91.35	ug/l	100
26) 2,2-Dichloropropane	7.17	77	46394	20.73	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	47181	18.97	ug/l	98
28) Bromochloromethane	7.51	49	33427	18.75	ug/l	99
29) Tetrahydrofuran	7.53	42	39814	85.71	ug/l	98
30) Chloroform	7.67	83	80582	18.89	ug/l	97
31) Cyclohexane	7.95	56	69320	19.59	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	62048	19.29	ug/l	98
36) 1,1-Dichloropropene	8.08	75	62951	20.54	ug/l	100
37) Ethyl Acetate	7.25	43	26904	17.70	ug/l	98
38) Carbon Tetrachloride	8.06	117	61008	20.33	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	73026	20.80	ug/l	99
40) Benzene	8.32	78	175228	19.91	ug/l	98
41) Methacrylonitrile	7.49	41	15429	18.14	ug/l	96
42) 1,2-Dichloroethane	8.40	62	53206	19.04	ug/l	99
43) Isopropyl Acetate	8.43	43	53343	18.25	ug/l	99
44) Trichloroethene	9.09	130	48298	20.03	ug/l	98
45) 1,2-Dichloropropane	9.37	63	43709	19.49	ug/l	98
46) Dibromomethane	9.46	93	24104	18.89	ug/l	98
47) Bromodichloromethane	9.65	83	57872	19.45	ug/l	96
48) Methyl methacrylate	9.44	41	25075	17.70	ug/l	99
49) 1,4-Dioxane	9.45	88	7631	358.89	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	142244	88.62	ug/l	99
52) Toluene	10.39	92	114305	20.55	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	57969	19.27	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	66725	19.89	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	32944	18.33	ug/l	96
56) Ethyl methacrylate	10.65	69	39952	18.24	ug/l	99
57) 1,3-Dichloropropane	10.94	76	56235	18.86	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	101072	93.99	ug/l	99
59) 2-Hexanone	10.98	43	103575	93.47	ug/l	96
60) Dibromochloromethane	11.13	129	39594	18.67	ug/l	98
61) 1,2-Dibromoethane	11.24	107	32649	18.82	ug/l	98
64) Tetrachloroethene	10.87	164	41771	18.65	ug/l	97
65) Chlorobenzene	11.66	112	126514	19.99	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	45304	19.99	ug/l	99
67) Ethyl Benzene	11.74	91	216974	20.17	ug/l	99
68) m/p-Xylenes	11.85	106	170727	40.82	ug/l	100
69) o-Xylene	12.18	106	79255	19.94	ug/l	98
70) Styrene	12.19	104	128475	19.42	ug/l	99
71) Bromoform	12.36	173	23977	18.01	ug/l #	99
73) Isopropylbenzene	12.48	105	218902	20.54	ug/l	100
74) N-amyl acetate	12.28	43	49583	18.27	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	39937	18.50	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	29754m	18.21	ug/l	
77) Bromobenzene	12.76	156	54539	20.06	ug/l	96
78) n-propylbenzene	12.82	91	269964	20.98	ug/l	99
79) 2-Chlorotoluene	12.90	91	149771	20.50	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	187354	20.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11497	19.18	ug/l	97
82) 4-Chlorotoluene	13.00	91	160033	20.25	ug/l	100
83) tert-Butylbenzene	13.22	119	162465	20.69	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	194861	20.64	ug/l	99
85) sec-Butylbenzene	13.40	105	236956	21.00	ug/l	100
86) p-Isopropyltoluene	13.51	119	210568	20.75	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	109192	19.86	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	109407	20.00	ug/l	99
89) n-Butylbenzene	13.83	91	201075	20.95	ug/l	99
90) Hexachloroethane	14.11	117	36013	19.82	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	98131	19.67	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	7316	19.21	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	73158	20.14	ug/l	99
94) Hexachlorobutadiene	15.26	225	42516	21.04	ug/l	98
95) Naphthalene	15.38	128	123698	18.73	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	65113	20.04	ug/l	99

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

