

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002550.D
 Acq On : 15 May 2018 13:53
 Operator : JC/SY
 Sample : VW0515SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS02

Manual Integrations
 APPROVED

apatel
 5/16/2018 12:25:42 PM

Quant Time: May 16 06:02:25 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	233514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	345568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	316792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	172105	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121297	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
35) Dibromofluoromethane	7.88	113	110917	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	10.33	98	437254	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
62) 4-Bromofluorobenzene	12.63	95	154876	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	18395m	20.41	ug/l	
3) Chloromethane	2.21	50	34677	20.12	ug/l	100
4) Vinyl Chloride	2.36	62	54517	20.17	ug/l	99
5) Bromomethane	2.76	94	46403	20.94	ug/l	93
6) Chloroethane	2.92	64	39167	21.06	ug/l	98
7) Trichlorofluoromethane	3.25	101	26255	22.05	ug/l	97
8) Diethyl Ether	3.67	74	26861	18.85	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	42203	21.39	ug/l	98
10) Methyl Iodide	4.26	142	62894	20.00	ug/l	98
11) Tert butyl alcohol	5.19	59	18322	98.78	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	39122	20.03	ug/l	96
13) Acrolein	3.88	56	18093	99.01	ug/l	97
14) Allyl chloride	4.66	41	58442	20.16	ug/l	99
15) Acrylonitrile	5.37	53	48630	94.62	ug/l	98
16) Acetone	4.12	43	61502	120.73	ug/l	96
17) Carbon Disulfide	4.37	76	110323	20.53	ug/l	100
18) Methyl Acetate	4.67	43	24884	16.76	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	71509	19.93	ug/l	99
20) Methylene Chloride	4.90	84	42736	19.40	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	42904	20.32	ug/l	93
22) Diisopropyl ether	6.31	45	126756	19.74	ug/l	97
23) Vinyl Acetate	6.25	43	393333	101.09	ug/l	99
24) 1,1-Dichloroethane	6.20	63	77124	19.93	ug/l	99
25) 2-Butanone	7.17	43	73176	101.58	ug/l	96
26) 2,2-Dichloropropane	7.16	77	46311	21.36	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	47553	19.74	ug/l	99
28) Bromochloromethane	7.51	49	33913	19.63	ug/l	98
29) Tetrahydrofuran	7.53	42	43388	96.41	ug/l	98
30) Chloroform	7.67	83	81315	19.68	ug/l	93
31) Cyclohexane	7.95	56	70105	20.45	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	64801	20.79	ug/l	98
36) 1,1-Dichloropropene	8.08	75	63412	20.79	ug/l	99
37) Ethyl Acetate	7.26	43	30294	20.03	ug/l	100
38) Carbon Tetrachloride	8.07	117	61544	20.61	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	73059	20.92	ug/l	99
40) Benzene	8.32	78	178581	20.40	ug/l	98
41) Methacrylonitrile	7.49	41	16049	18.96	ug/l	95
42) 1,2-Dichloroethane	8.40	62	55790	20.06	ug/l	100
43) Isopropyl Acetate	8.43	43	56761	19.51	ug/l	99
44) Trichloroethene	9.09	130	49283	20.54	ug/l	96
45) 1,2-Dichloropropane	9.37	63	44913	20.13	ug/l	92
46) Dibromomethane	9.46	93	25087	19.76	ug/l	100
47) Bromodichloromethane	9.65	83	58804	19.86	ug/l	96
48) Methyl methacrylate	9.44	41	26517	18.81	ug/l	99
49) 1,4-Dioxane	9.46	88	7621	360.19	ug/l	95
51) 4-Methyl-2-Pentanone	10.22	43	151405	94.80	ug/l	100
52) Toluene	10.39	92	115136	20.80	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	59608	19.91	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	68805	20.62	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	35173	19.66	ug/l	97
56) Ethyl methacrylate	10.65	69	42468	19.48	ug/l	98
57) 1,3-Dichloropropane	10.94	76	59090	19.92	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	110034	102.83	ug/l	99
59) 2-Hexanone	10.98	43	110897	100.58	ug/l	99
60) Dibromochloromethane	11.13	129	40471	19.18	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34052	19.73	ug/l	98
64) Tetrachloroethene	10.87	164	42998	19.26	ug/l	94
65) Chlorobenzene	11.66	112	128950	20.44	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	46168	20.44	ug/l	96
67) Ethyl Benzene	11.74	91	221392	20.65	ug/l	99
68) m/p-Xylenes	11.85	106	172811	41.45	ug/l	100
69) o-Xylene	12.18	106	80841	20.41	ug/l	99
70) Styrene	12.19	104	133773	20.29	ug/l	99
71) Bromoform	12.36	173	25758	19.41	ug/l #	99
73) Isopropylbenzene	12.48	105	222946	21.02	ug/l	100
74) N-amyl acetate	12.28	43	54443	20.14	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	41938	19.51	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	32175m	19.78	ug/l	
77) Bromobenzene	12.76	156	55947	20.67	ug/l	98
78) n-propylbenzene	12.82	91	273650	21.36	ug/l	100
79) 2-Chlorotoluene	12.90	91	153355	21.08	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	192015	21.21	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12001	20.11	ug/l	98
82) 4-Chlorotoluene	13.00	91	162878	20.70	ug/l	99
83) tert-Butylbenzene	13.22	119	170726	21.84	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	195552	20.81	ug/l	99
85) sec-Butylbenzene	13.40	105	238020	21.19	ug/l	99
86) p-Isopropyltoluene	13.51	119	215502	21.33	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	113021	20.64	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	114225	20.97	ug/l	100
89) n-Butylbenzene	13.83	91	205823	21.53	ug/l	99
90) Hexachloroethane	14.10	117	37317	20.62	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	100451	20.22	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7501	19.78	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	75985	21.01	ug/l	98
94) Hexachlorobutadiene	15.25	225	43564	21.65	ug/l	99
95) Naphthalene	15.38	128	131454	19.99	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	68150	21.06	ug/l	99

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

