

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002533.D
 Acq On : 15 May 2018 01:26
 Operator : JC/SY
 Sample : VW0515SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS01

Manual Integrations
 APPROVED

apatel
 5/15/2018 6:12:14 PM

Quant Time: May 15 08:02:54 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	230864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	354737	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	329123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	178060	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	123451	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
35) Dibromofluoromethane	7.88	113	112162	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
50) Toluene-d8	10.33	98	431978	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.63	95	156232	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	14236	15.98	ug/l	92
3) Chloromethane	2.21	50	33742	19.80	ug/l	99
4) Vinyl Chloride	2.36	62	51857	19.41	ug/l	96
5) Bromomethane	2.76	94	45152	20.61	ug/l	99
6) Chloroethane	2.92	64	37720	20.51	ug/l	90
7) Trichlorofluoromethane	3.25	101	23624	20.06	ug/l	99
8) Diethyl Ether	3.67	74	27826	19.75	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.04	101	39757	20.38	ug/l	99
10) Methyl Iodide	4.26	142	63270	20.35	ug/l	99
11) Tert butyl alcohol	5.19	59	17963	97.95	ug/l #	94
12) 1,1-Dichloroethene	4.03	96	39754	20.59	ug/l	99
13) Acrolein	3.89	56	19639	108.71	ug/l	98
14) Allyl chloride	4.65	41	60483	21.11	ug/l	99
15) Acrylonitrile	5.37	53	53153	104.61	ug/l	99
16) Acetone	4.12	43	51765	102.78	ug/l	99
17) Carbon Disulfide	4.37	76	108839	20.48	ug/l	98
18) Methyl Acetate	4.67	43	27235	18.55	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	73539	20.73	ug/l	98
20) Methylene Chloride	4.90	84	44611	20.65	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	43447	20.81	ug/l	95
22) Diisopropyl ether	6.31	45	131083	20.65	ug/l	99
23) Vinyl Acetate	6.25	43	403829	104.98	ug/l	98
24) 1,1-Dichloroethane	6.21	63	79987	20.91	ug/l	98
25) 2-Butanone	7.17	43	75039	105.36	ug/l	98
26) 2,2-Dichloropropane	7.16	77	41203	19.22	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	47962	20.14	ug/l	100
28) Bromochloromethane	7.51	49	35891	21.02	ug/l	99
29) Tetrahydrofuran	7.53	42	48259	108.47	ug/l	98
30) Chloroform	7.67	83	83408	20.42	ug/l	97
31) Cyclohexane	7.95	56	68510	20.22	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	63041	20.46	ug/l	99
36) 1,1-Dichloropropene	8.08	75	62472	19.96	ug/l	100
37) Ethyl Acetate	7.26	43	32187	20.73	ug/l	97
38) Carbon Tetrachloride	8.07	117	59890	19.54	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	71215	19.86	ug/l	98
40) Benzene	8.32	78	179269	19.95	ug/l	97
41) Methacrylonitrile	7.48	41	20191	23.24	ug/l #	88
42) 1,2-Dichloroethane	8.40	62	57751	20.23	ug/l	100
43) Isopropyl Acetate	8.43	43	61431	20.57	ug/l	100
44) Trichloroethene	9.09	130	50754	20.61	ug/l	99
45) 1,2-Dichloropropane	9.37	63	45324	19.79	ug/l	99
46) Dibromomethane	9.46	93	25796	19.79	ug/l	97
47) Bromodichloromethane	9.65	83	60736	19.98	ug/l	99
48) Methyl methacrylate	9.44	41	28472	19.68	ug/l	98
49) 1,4-Dioxane	9.45	88	8971	413.04	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	165972	101.23	ug/l	100
52) Toluene	10.40	92	114845	20.21	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	58553	19.05	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	68595	20.02	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	36716	20.00	ug/l	98
56) Ethyl methacrylate	10.65	69	44468	19.87	ug/l	99
57) 1,3-Dichloropropane	10.94	76	62718	20.59	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	116436	106.00	ug/l	100
59) 2-Hexanone	10.98	43	116032	102.51	ug/l	98
60) Dibromochloromethane	11.13	129	42536	19.63	ug/l	97
61) 1,2-Dibromoethane	11.24	107	36114	20.38	ug/l	100
64) Tetrachloroethene	10.87	164	48447	20.88	ug/l	97
65) Chlorobenzene	11.66	112	130271	19.87	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	46702	19.90	ug/l	99
67) Ethyl Benzene	11.74	91	225206	20.21	ug/l	97
68) m/p-Xylenes	11.85	106	174659	40.32	ug/l	97
69) o-Xylene	12.18	106	81117	19.71	ug/l	99
70) Styrene	12.19	104	134524	19.64	ug/l	99
71) Bromoform	12.35	173	26408	19.15	ug/l #	97
73) Isopropylbenzene	12.48	105	224209	20.43	ug/l	100
74) N-amyl acetate	12.28	43	58870	21.05	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	45658	20.53	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	34472m	20.48	ug/l	
77) Bromobenzene	12.76	156	58273	20.81	ug/l	95
78) n-propylbenzene	12.82	91	268957	20.29	ug/l	100
79) 2-Chlorotoluene	12.90	91	153853	20.44	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	186501	19.91	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11008	17.83	ug/l	93
82) 4-Chlorotoluene	13.00	91	162169	19.92	ug/l	99
83) tert-Butylbenzene	13.22	119	163446	20.21	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	194260	19.98	ug/l	98
85) sec-Butylbenzene	13.40	105	233341	20.08	ug/l	100
86) p-Isopropyltoluene	13.51	119	210348	20.12	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	112584	19.88	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	116313	20.64	ug/l	99
89) n-Butylbenzene	13.83	91	198386	20.06	ug/l	99
90) Hexachloroethane	14.10	117	37592	20.08	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	105224	20.48	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	7915	20.17	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	77774	20.79	ug/l	99
94) Hexachlorobutadiene	15.25	225	42751	20.53	ug/l	100
95) Naphthalene	15.38	128	145790	21.43	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	70135	20.95	ug/l	99

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

