

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002534.D
 Acq On : 15 May 2018 01:51
 Operator : JC/SY
 Sample : VW0515SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS01

Manual Integrations
 APPROVED

apatel
 5/15/2018 6:12:17 PM

Quant Time: May 15 08:04:42 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	247577	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	379785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	352452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	188516	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	134695	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
35) Dibromofluoromethane	7.88	113	123547	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
50) Toluene-d8	10.33	98	472687	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.63	95	167554	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	16895	17.68	ug/l	98
3) Chloromethane	2.21	50	36994	20.24	ug/l	96
4) Vinyl Chloride	2.35	62	55006	19.19	ug/l	94
5) Bromomethane	2.76	94	47840	20.36	ug/l	89
6) Chloroethane	2.92	64	40421	20.50	ug/l	92
7) Trichlorofluoromethane	3.24	101	26581	21.05	ug/l	100
8) Diethyl Ether	3.67	74	26152	17.31	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.04	101	42718	20.42	ug/l	99
10) Methyl Iodide	4.26	142	67443	20.23	ug/l	100
11) Tert butyl alcohol	5.18	59	23166	117.80	ug/l	98
12) 1,1-Dichloroethene	4.03	96	41467	20.02	ug/l	95
13) Acrolein	3.88	56	19065	98.40	ug/l	96
14) Allyl chloride	4.65	41	63025	20.51	ug/l	98
15) Acrylonitrile	5.36	53	56797	104.23	ug/l	99
16) Acetone	4.12	43	56611	104.81	ug/l	97
17) Carbon Disulfide	4.37	76	116563	20.46	ug/l	97
18) Methyl Acetate	4.67	43	29490	18.73	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	78555	20.65	ug/l	98
20) Methylene Chloride	4.90	84	46460	19.97	ug/l	93
21) trans-1,2-Dichloroethene	5.40	96	46435	20.74	ug/l	93
22) Diisopropyl ether	6.31	45	138364	20.33	ug/l	97
23) Vinyl Acetate	6.25	43	422058	102.31	ug/l	97
24) 1,1-Dichloroethane	6.20	63	83285	20.30	ug/l	99
25) 2-Butanone	7.17	43	76813	100.57	ug/l	96
26) 2,2-Dichloropropane	7.17	77	44103	19.19	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	51592	20.20	ug/l	99
28) Bromochloromethane	7.51	49	36976	20.19	ug/l	99
29) Tetrahydrofuran	7.53	42	50699	106.26	ug/l	98
30) Chloroform	7.67	83	88511	20.21	ug/l	97
31) Cyclohexane	7.95	56	72451	19.94	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	66448	20.11	ug/l	99
36) 1,1-Dichloropropene	8.08	75	65588	19.57	ug/l	99
37) Ethyl Acetate	7.26	43	35061	21.09	ug/l	100
38) Carbon Tetrachloride	8.07	117	63241	19.27	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76530	19.94	ug/l	96
40) Benzene	8.32	78	190509	19.80	ug/l	99
41) Methacrylonitrile	7.49	41	18546	19.94	ug/l	99
42) 1,2-Dichloroethane	8.40	62	61542	20.14	ug/l	100
43) Isopropyl Acetate	8.43	43	63421	19.84	ug/l	99
44) Trichloroethene	9.09	130	52540	19.92	ug/l	97
45) 1,2-Dichloropropane	9.37	63	47875	19.53	ug/l	99
46) Dibromomethane	9.46	93	27840	19.95	ug/l	97
47) Bromodichloromethane	9.65	83	64872	19.94	ug/l	99
48) Methyl methacrylate	9.44	41	29681	19.16	ug/l	95
49) 1,4-Dioxane	9.45	88	9328	401.15	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	174736	99.55	ug/l	100
52) Toluene	10.39	92	122579	20.15	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	62615	19.03	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	71997	19.63	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	37957	19.31	ug/l	98
56) Ethyl methacrylate	10.65	69	47849	19.97	ug/l	99
57) 1,3-Dichloropropane	10.94	76	65861	20.20	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	122283	103.98	ug/l	100
59) 2-Hexanone	10.98	43	120953	99.81	ug/l	100
60) Dibromochloromethane	11.13	129	45333	19.54	ug/l	98
61) 1,2-Dibromoethane	11.24	107	37915	19.98	ug/l	99
64) Tetrachloroethene	10.87	164	53628	21.59	ug/l	93
65) Chlorobenzene	11.66	112	139413	19.86	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	48983	19.49	ug/l	99
67) Ethyl Benzene	11.74	91	234962	19.69	ug/l	99
68) m/p-Xylenes	11.85	106	181849	39.20	ug/l	99
69) o-Xylene	12.18	106	87172	19.78	ug/l	99
70) Styrene	12.19	104	142479	19.42	ug/l	99
71) Bromoform	12.36	173	28412	19.24	ug/l	# 100
73) Isopropylbenzene	12.48	105	236968	20.39	ug/l	100
74) N-amyl acetate	12.28	43	61197	20.67	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	47695	20.26	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	35839m	20.11	ug/l	
77) Bromobenzene	12.76	156	59679	20.13	ug/l	98
78) n-propylbenzene	12.82	91	286860	20.44	ug/l	99
79) 2-Chlorotoluene	12.90	91	161140	20.22	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	202067	20.38	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12734	19.48	ug/l	96
82) 4-Chlorotoluene	13.00	91	172559	20.02	ug/l	99
83) tert-Butylbenzene	13.22	119	175754	20.52	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	208612	20.26	ug/l	99
85) sec-Butylbenzene	13.40	105	248125	20.16	ug/l	100
86) p-Isopropyltoluene	13.51	119	224344	20.27	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	119706	19.96	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	120268	20.16	ug/l	99
89) n-Butylbenzene	13.84	91	211517	20.20	ug/l	99
90) Hexachloroethane	14.10	117	40039	20.20	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	110099	20.24	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	8329	20.05	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	80579	20.34	ug/l	98
94) Hexachlorobutadiene	15.25	225	45952	20.85	ug/l	98
95) Naphthalene	15.38	128	153642	21.33	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	73226	20.66	ug/l	99

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

