

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002568.D
 Acq On : 16 May 2018 00:32
 Operator : JC/SY
 Sample : VW0515SBS03
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS03

Manual Integrations
 APPROVED

apatel
 5/16/2018 12:27:06 PM

Quant Time: May 16 07:30:27 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	208176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	313266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	289498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	159771	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	112622	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
35) Dibromofluoromethane	7.88	113	102739	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
50) Toluene-d8	10.33	98	390408	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.63	95	140219	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	15668	19.50	ug/l	96
3) Chloromethane	2.21	50	30729	20.00	ug/l	92
4) Vinyl Chloride	2.35	62	47867	19.86	ug/l	97
5) Bromomethane	2.76	94	41935	21.23	ug/l	90
6) Chloroethane	2.92	64	34800	20.99	ug/l	97
7) Trichlorofluoromethane	3.24	101	17006	16.02	ug/l	98
8) Diethyl Ether	3.67	74	28960	22.79	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.04	101	37083	21.08	ug/l	98
10) Methyl Iodide	4.26	142	56884	20.29	ug/l	98
11) Tert butyl alcohol	5.19	59	16960	102.56	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	35889	20.61	ug/l	98
13) Acrolein	3.89	56	13719	84.21	ug/l	92
14) Allyl chloride	4.65	41	47493	18.38	ug/l	97
15) Acrylonitrile	5.37	53	48090	104.96	ug/l	99
16) Acetone	4.12	43	41891	92.24	ug/l	98
17) Carbon Disulfide	4.37	76	96759	20.20	ug/l	99
18) Methyl Acetate	4.67	43	24989	18.87	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	64629	20.20	ug/l	100
20) Methylene Chloride	4.90	84	39892	20.45	ug/l	90
21) trans-1,2-Dichloroethene	5.41	96	39151	20.80	ug/l	94
22) Diisopropyl ether	6.31	45	116536	20.36	ug/l	99
23) Vinyl Acetate	6.26	43	343746	99.10	ug/l	100
24) 1,1-Dichloroethane	6.21	63	71023	20.59	ug/l	97
25) 2-Butanone	7.18	43	64538	100.49	ug/l	97
26) 2,2-Dichloropropane	7.16	77	32869	17.00	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	43492	20.25	ug/l	99
28) Bromochloromethane	7.51	49	33331	21.65	ug/l	98
29) Tetrahydrofuran	7.53	42	41401	103.20	ug/l	98
30) Chloroform	7.67	83	75619	20.53	ug/l	95
31) Cyclohexane	7.95	56	59978	19.63	ug/l #	96
32) 1,1,1-Trichloroethane	7.87	97	56094	20.19	ug/l	99
36) 1,1-Dichloropropene	8.08	75	55967	20.25	ug/l	100
37) Ethyl Acetate	7.26	43	29345	21.40	ug/l	100
38) Carbon Tetrachloride	8.07	117	53732	19.85	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	63846	20.16	ug/l	95
40) Benzene	8.32	78	163114	20.55	ug/l	98
41) Methacrylonitrile	7.49	41	15783	20.57	ug/l #	91
42) 1,2-Dichloroethane	8.40	62	52696	20.91	ug/l	99
43) Isopropyl Acetate	8.43	43	53134	20.15	ug/l	98
44) Trichloroethene	9.09	130	44864	20.63	ug/l	95
45) 1,2-Dichloropropane	9.37	63	40746	20.15	ug/l	97
46) Dibromomethane	9.46	93	24255	21.07	ug/l	98
47) Bromodichloromethane	9.65	83	55134	20.54	ug/l	100
48) Methyl methacrylate	9.44	41	25978	20.33	ug/l	99
49) 1,4-Dioxane	9.45	88	8044	419.39	ug/l	98
51) 4-Methyl-2-Pentanone	10.22	43	149129	103.00	ug/l	100
52) Toluene	10.39	92	104975	20.92	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	52986	19.52	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	59376	19.62	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	33536	20.68	ug/l	98
56) Ethyl methacrylate	10.65	69	40039	20.26	ug/l	98
57) 1,3-Dichloropropane	10.94	76	57420	21.35	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	103469	106.66	ug/l	98
59) 2-Hexanone	10.98	43	103197	103.24	ug/l	97
60) Dibromochloromethane	11.13	129	39222	20.50	ug/l	98
61) 1,2-Dibromoethane	11.24	107	32410	20.71	ug/l	98
64) Tetrachloroethene	10.87	164	47870	23.46	ug/l	96
65) Chlorobenzene	11.66	112	118681	20.58	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	42879	20.77	ug/l	99
67) Ethyl Benzene	11.74	91	196518	20.05	ug/l	100
68) m/p-Xylenes	11.85	106	156810	41.16	ug/l	99
69) o-Xylene	12.18	106	73289	20.24	ug/l	97
70) Styrene	12.19	104	122954	20.41	ug/l	99
71) Bromoform	12.36	173	25486	21.02	ug/l #	99
73) Isopropylbenzene	12.48	105	199431	20.25	ug/l	100
74) N-amyl acetate	12.28	43	51162	20.39	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	41577	20.84	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	30982m	20.51	ug/l	
77) Bromobenzene	12.76	156	52677	20.96	ug/l	97
78) n-propylbenzene	12.82	91	241568	20.31	ug/l	100
79) 2-Chlorotoluene	12.90	91	139732	20.69	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	173169	20.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9950	17.96	ug/l	92
82) 4-Chlorotoluene	13.00	91	146721	20.09	ug/l	99
83) tert-Butylbenzene	13.22	119	147286	20.29	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	178583	20.47	ug/l	99
85) sec-Butylbenzene	13.40	105	211475	20.28	ug/l	100
86) p-Isopropyltoluene	13.51	119	188592	20.10	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	103786	20.42	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	104059	20.58	ug/l	99
89) n-Butylbenzene	13.84	91	175784	19.81	ug/l	99
90) Hexachloroethane	14.10	117	33414	19.89	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	95458	20.70	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	7751	22.02	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	69016	20.56	ug/l	98
94) Hexachlorobutadiene	15.25	225	38687	20.71	ug/l	100
95) Naphthalene	15.38	128	127240	20.85	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	64251	21.39	ug/l	99

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

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