

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050218\
 Data File : VX001333.D
 Acq On : 02 May 2018 23:24
 Operator : JC/MD
 Sample : VX0502WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS02

Manual Integrations
 APPROVED

MMDadoda
 5/3/2018 12:21:21 PM

Quant Time: May 03 06:38:34 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	162992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	219264	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	208230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	137182	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	109252	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	
35) Dibromofluoromethane	5.51	113	93068	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	
50) Toluene-d8	8.72	98	342196	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	11.14	95	124420	46.10	ug/l	0.00
Spiked Amount			Recovery	=	92.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	37982	21.07	ug/l	98
3) Chloromethane	1.32	50	35683	20.16	ug/l	98
4) Vinyl Chloride	1.40	62	39341	21.11	ug/l	97
5) Bromomethane	1.64	94	31765	21.97	ug/l	98
6) Chloroethane	1.72	64	25946	22.03	ug/l	99
7) Trichlorofluoromethane	1.93	101	70480	22.41	ug/l	98
8) Diethyl Ether	2.19	74	24293	22.50	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	38855	21.43	ug/l	98
10) Methyl Iodide	2.51	142	50465	27.65	ug/l	100
11) Tert butyl alcohol	3.09	59	53874	138.79	ug/l	98
12) 1,1-Dichloroethene	2.37	96	34938	21.37	ug/l	96
13) Acrolein	2.30	56	17902	80.10	ug/l	96
14) Allyl chloride	2.73	41	61491	21.50	ug/l	98
15) Acrylonitrile	3.15	53	111145	123.54	ug/l	99
16) Acetone	2.45	43	109134	113.32	ug/l	98
17) Carbon Disulfide	2.57	76	79797	18.73	ug/l	100
18) Methyl Acetate	2.78	43	61832	27.18	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	126637	22.74	ug/l	100
20) Methylene Chloride	2.86	84	40113	22.20	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	37249	20.93	ug/l	96
22) Diisopropyl ether	3.88	45	125333	22.75	ug/l	96
23) Vinyl Acetate	3.84	43	532450	114.05	ug/l	100
24) 1,1-Dichloroethane	3.70	63	70025	22.82	ug/l	100
25) 2-Butanone	4.73	43	147766	113.47	ug/l	98
26) 2,2-Dichloropropane	4.59	77	30702	12.29	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	39413	20.15	ug/l	97
28) Bromochloromethane	5.03	49	32475	23.54	ug/l	98
29) Tetrahydrofuran	5.18	42	93971	117.34	ug/l	98
30) Chloroform	5.23	83	66748	20.58	ug/l	99
31) Cyclohexane	5.58	56	51882	18.72	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	56982	20.10	ug/l	99
36) 1,1-Dichloropropene	5.81	75	45420	17.95	ug/l	98
37) Ethyl Acetate	4.88	43	55008	21.53	ug/l	98
38) Carbon Tetrachloride	5.79	117	51609	19.47	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	52083	17.40	ug/l	97
40) Benzene	6.15	78	146221	20.09	ug/l	99
41) Methacrylonitrile	5.07	41	31336	21.06	ug/l	99
42) 1,2-Dichloroethane	6.21	62	54943	19.49	ug/l	99
43) Isopropyl Acetate	6.48	43	85818	20.74	ug/l	99
44) Trichloroethene	7.22	130	44194	19.83	ug/l	93
45) 1,2-Dichloropropane	7.53	63	37486	20.05	ug/l	97
46) Dibromomethane	7.67	93	26704	20.38	ug/l	99
47) Bromodichloromethane	7.91	83	46401	19.80	ug/l	97
48) Methyl methacrylate	7.79	41	45321	20.61	ug/l	99
49) 1,4-Dioxane	7.77	88	20746	499.89	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	301953	113.22	ug/l	100
52) Toluene	8.79	92	93713	19.69	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	49572	17.79	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	44831	17.49	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	40281	20.96	ug/l	97
56) Ethyl methacrylate	9.19	69	54859	20.60	ug/l	98
57) 1,3-Dichloropropane	9.38	76	62874	20.33	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	135322	105.31	ug/l	99
59) 2-Hexanone	9.51	43	232058	111.32	ug/l	100
60) Dibromochloromethane	9.59	129	39461	19.68	ug/l	100
61) 1,2-Dibromoethane	9.68	107	41306	20.27	ug/l	98
64) Tetrachloroethene	9.34	164	58057	23.53	ug/l	99
65) Chlorobenzene	10.15	112	109421	19.32	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	40393	20.55	ug/l	98
67) Ethyl Benzene	10.26	91	176656	18.93	ug/l	96
68) m/p-Xylenes	10.37	106	142069	38.69	ug/l	100
69) o-Xylene	10.71	106	69647	19.56	ug/l	97
70) Styrene	10.72	104	111722	19.18	ug/l	99
71) Bromoform	10.87	173	31445	19.18	ug/l #	99
73) Isopropylbenzene	11.02	105	186032	20.27	ug/l	99
74) N-amyl acetate	6.48	43	85818	21.80	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	57341	20.85	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	54243m	21.38	ug/l	
77) Bromobenzene	11.26	156	54566	20.61	ug/l	97
78) n-propylbenzene	11.37	91	201322	19.74	ug/l	99
79) 2-Chlorotoluene	11.43	91	123884	20.13	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	156458	20.30	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	10919	17.09	ug/l	92
82) 4-Chlorotoluene	11.52	91	145188	19.61	ug/l	99
83) tert-Butylbenzene	11.77	119	148202	19.28	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	161985	20.51	ug/l	99
85) sec-Butylbenzene	11.95	105	185223	20.14	ug/l	99
86) p-Isopropyltoluene	12.07	119	166939	19.79	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	96467	19.52	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	97409	19.12	ug/l	100
89) n-Butylbenzene	12.40	91	134751	18.30	ug/l	99
90) Hexachloroethane	12.60	117	23188	18.98	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	99990	20.33	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	12639	22.75	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	70849	17.91	ug/l	100
94) Hexachlorobutadiene	13.79	225	38281	18.49	ug/l	99
95) Naphthalene	13.84	128	208618	20.78	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	75832	19.52	ug/l	99

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

