

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
 Data File : VX001740.D
 Acq On : 15 May 2018 12:54
 Operator : JC/MD
 Sample : VX0515WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS03

Manual Integrations
 APPROVED

MMDadoda
 5/16/2018 11:54:15 AM

Quant Time: May 16 04:48:22 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	312632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	414833	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	364582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	232030	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	212917	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
35) Dibromofluoromethane	5.51	113	178877	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	
50) Toluene-d8	8.72	98	660856	52.71	ug/l	0.00
Spiked Amount			Recovery	=	105.42%	
62) 4-Bromofluorobenzene	11.14	95	221236	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	63276	20.17	ug/l	98
3) Chloromethane	1.32	50	69380	20.47	ug/l	99
4) Vinyl Chloride	1.40	62	74935	20.45	ug/l	99
5) Bromomethane	1.64	94	40258	24.49	ug/l	100
6) Chloroethane	1.72	64	49112	21.28	ug/l	100
7) Trichlorofluoromethane	1.93	101	107570	20.20	ug/l	97
8) Diethyl Ether	2.19	74	44572	20.34	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	64925	20.26	ug/l	98
10) Methyl Iodide	2.51	142	53865	18.27	ug/l	99
11) Tert butyl alcohol	3.08	59	83961	112.85	ug/l	100
12) 1,1-Dichloroethene	2.37	96	59892	19.38	ug/l	98
13) Acrolein	2.29	56	60829	115.28	ug/l	98
14) Allyl chloride	2.73	41	116733	20.44	ug/l	99
15) Acrylonitrile	3.15	53	196595	105.21	ug/l	100
16) Acetone	2.45	43	181648	110.37	ug/l	99
17) Carbon Disulfide	2.57	76	149549	18.55	ug/l	99
18) Methyl Acetate	2.78	43	104032	21.62	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	212813	20.43	ug/l	99
20) Methylene Chloride	2.86	84	70008	19.87	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	66908	19.66	ug/l	98
22) Diisopropyl ether	3.88	45	215574	19.67	ug/l	98
23) Vinyl Acetate	3.83	43	737070	93.37	ug/l	100
24) 1,1-Dichloroethane	3.70	63	122577	20.40	ug/l	99
25) 2-Butanone	4.72	43	274884	109.09	ug/l	98
26) 2,2-Dichloropropane	4.59	77	97272	20.11	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	77860	20.10	ug/l	96
28) Bromochloromethane	5.03	49	58998	22.10	ug/l	99
29) Tetrahydrofuran	5.18	42	172782	105.19	ug/l	100
30) Chloroform	5.22	83	128109	20.30	ug/l	99
31) Cyclohexane	5.58	56	106572	20.23	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	112223	20.58	ug/l	99
36) 1,1-Dichloropropene	5.80	75	90826	19.02	ug/l	100
37) Ethyl Acetate	4.87	43	102826	20.66	ug/l	100
38) Carbon Tetrachloride	5.79	117	100987	20.19	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	110418	19.79	ug/l	98
40) Benzene	6.15	78	284548	20.22	ug/l	100
41) Methacrylonitrile	5.07	41	58928	20.48	ug/l	98
42) 1,2-Dichloroethane	6.20	62	104217	20.48	ug/l	100
43) Isopropyl Acetate	6.48	43	155978	20.03	ug/l	100
44) Trichloroethene	7.22	130	87013	19.93	ug/l	98
45) 1,2-Dichloropropane	7.52	63	71240	20.63	ug/l	99
46) Dibromomethane	7.67	93	47971	19.79	ug/l	99
47) Bromodichloromethane	7.90	83	91050	20.24	ug/l	97
48) Methyl methacrylate	7.79	41	82531	20.13	ug/l	98
49) 1,4-Dioxane	7.76	88	37371	473.41	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	531156	107.60	ug/l	99
52) Toluene	8.79	92	183761	20.33	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	105612	19.95	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	87285	18.71	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	69496	20.11	ug/l	96
56) Ethyl methacrylate	9.19	69	98232	20.04	ug/l	99
57) 1,3-Dichloropropane	9.38	76	115212	19.91	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	275818	109.41	ug/l	100
59) 2-Hexanone	9.51	43	386975	109.51	ug/l	99
60) Dibromochloromethane	9.59	129	71189	20.12	ug/l	99
61) 1,2-Dibromoethane	9.68	107	73646	20.36	ug/l	100
64) Tetrachloroethene	9.34	164	93001	19.60	ug/l	99
65) Chlorobenzene	10.15	112	198144	19.76	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	72685	20.52	ug/l	99
67) Ethyl Benzene	10.26	91	321911	20.09	ug/l	99
68) m/p-Xylenes	10.37	106	257395	40.70	ug/l	99
69) o-Xylene	10.71	106	124312	20.53	ug/l	99
70) Styrene	10.72	104	203469	20.37	ug/l	100
71) Bromoform	10.87	173	56245	18.99	ug/l #	98
73) Isopropylbenzene	11.02	105	334069	21.86	ug/l	99
74) N-amyl acetate	6.48	43	155978	21.29	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	99198	21.64	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	95671m	21.68	ug/l	
77) Bromobenzene	11.26	156	94206	20.98	ug/l	100
78) n-propylbenzene	11.37	91	363502	21.11	ug/l	100
79) 2-Chlorotoluene	11.43	91	219360	21.31	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	276129	22.03	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	25205	19.20	ug/l	95
82) 4-Chlorotoluene	11.52	91	253839	20.93	ug/l	100
83) tert-Butylbenzene	11.77	119	270587	21.69	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	284651	21.93	ug/l	100
85) sec-Butylbenzene	11.95	105	328711	21.35	ug/l	100
86) p-Isopropyltoluene	12.07	119	301008	21.12	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	166922	20.10	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	168602	19.64	ug/l	99
89) n-Butylbenzene	12.40	91	236592	19.20	ug/l	99
90) Hexachloroethane	12.60	117	45820	20.70	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	169313	20.46	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21564	22.04	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	122096	18.51	ug/l	99
94) Hexachlorobutadiene	13.79	225	67981	19.20	ug/l	100
95) Naphthalene	13.84	128	351922	20.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	128557	19.36	ug/l	99

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

