

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050718\
 Data File : VX001482.D
 Acq On : 07 May 2018 23:20
 Operator : JC/MD
 Sample : VX0507WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

Manual Integrations
 APPROVED

MMDadoda
 5/9/2018 5:47:35 PM

Quant Time: May 08 07:28:45 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	300400	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194449	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	179422	56.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.10%	
35) Dibromofluoromethane	5.51	113	142026	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
50) Toluene-d8	8.72	98	487262	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.14	95	180037	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60630	20.40	ug/l	96
3) Chloromethane	1.32	50	65016	22.46	ug/l	100
4) Vinyl Chloride	1.40	62	67032	22.19	ug/l	98
5) Bromomethane	1.64	94	43956	30.45	ug/l	99
6) Chloroethane	1.72	64	43905	21.99	ug/l	95
7) Trichlorofluoromethane	1.93	101	95350	20.98	ug/l	98
8) Diethyl Ether	2.19	74	41360	23.21	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51736	19.41	ug/l	99
10) Methyl Iodide	2.51	142	81530	21.20	ug/l	99
11) Tert butyl alcohol	3.08	59	84672	126.57	ug/l	99
12) 1,1-Dichloroethene	2.37	96	52482	21.49	ug/l	99
13) Acrolein	2.29	56	16995	122.94	ug/l	92
14) Allyl chloride	2.73	41	101900	22.37	ug/l	99
15) Acrylonitrile	3.15	53	182616	120.80	ug/l	100
16) Acetone	2.45	43	164454	114.15	ug/l	98
17) Carbon Disulfide	2.57	76	122089	19.64	ug/l	98
18) Methyl Acetate	2.78	43	95068	25.12	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	200494	23.57	ug/l	99
20) Methylene Chloride	2.86	84	63731	22.34	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	57631	21.14	ug/l	94
22) Diisopropyl ether	3.88	45	191936	22.56	ug/l	99
23) Vinyl Acetate	3.83	43	801912	113.08	ug/l	99
24) 1,1-Dichloroethane	3.70	63	101952	21.45	ug/l	100
25) 2-Butanone	4.71	43	245236	117.75	ug/l	98
26) 2,2-Dichloropropane	4.59	77	62338	16.98	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	63996	22.04	ug/l	98
28) Bromochloromethane	5.03	49	45871	22.26	ug/l	96
29) Tetrahydrofuran	5.18	42	157675	118.33	ug/l	100
30) Chloroform	5.22	83	112614	23.00	ug/l	100
31) Cyclohexane	5.58	56	75636	18.53	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	93572	21.87	ug/l	98
36) 1,1-Dichloropropene	5.80	75	72572	18.99	ug/l	100
37) Ethyl Acetate	4.87	43	92363	22.05	ug/l	99
38) Carbon Tetrachloride	5.79	117	81164	19.92	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76504	16.93	ug/l	97
40) Benzene	6.15	78	238430	21.36	ug/l	99
41) Methacrylonitrile	5.07	41	52862	22.06	ug/l	98
42) 1,2-Dichloroethane	6.20	62	97179	22.65	ug/l	99
43) Isopropyl Acetate	6.48	43	142568	22.17	ug/l	100
44) Trichloroethene	7.22	130	70114	20.55	ug/l	96
45) 1,2-Dichloropropane	7.52	63	61257	22.02	ug/l	98
46) Dibromomethane	7.67	93	42573	21.61	ug/l	98
47) Bromodichloromethane	7.90	83	78842	21.63	ug/l	98
48) Methyl methacrylate	7.79	41	75894	21.68	ug/l	100
49) 1,4-Dioxane	7.76	88	33968	449.04	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	494455	115.72	ug/l	99
52) Toluene	8.79	92	153085	20.98	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	87477	21.23	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	77762	19.69	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	63689	21.66	ug/l	99
56) Ethyl methacrylate	9.19	69	90191	21.28	ug/l	99
57) 1,3-Dichloropropane	9.38	76	105991	21.80	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	237358	114.18	ug/l	100
59) 2-Hexanone	9.51	43	369101	112.80	ug/l	99
60) Dibromochloromethane	9.59	129	63925	21.23	ug/l	98
61) 1,2-Dibromoethane	9.68	107	68282	22.12	ug/l	100
64) Tetrachloroethene	9.34	164	80471	20.55	ug/l	99
65) Chlorobenzene	10.15	112	171097	20.76	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	63357	21.49	ug/l	99
67) Ethyl Benzene	10.26	91	267788	19.83	ug/l	100
68) m/p-Xylenes	10.37	106	215859	40.44	ug/l	100
69) o-Xylene	10.70	106	105192	20.28	ug/l	96
70) Styrene	10.72	104	175791	20.86	ug/l	99
71) Bromoform	10.87	173	50532	20.12	ug/l #	100
73) Isopropylbenzene	11.02	105	275691	20.48	ug/l	100
74) N-amyl acetate	6.48	43	142568	23.32	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	91780	23.08	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	89527m	22.70	ug/l	
77) Bromobenzene	11.26	156	82868	21.17	ug/l	99
78) n-propylbenzene	11.37	91	299874	20.46	ug/l	99
79) 2-Chlorotoluene	11.43	91	189162	20.97	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	232295	20.73	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19621	18.79	ug/l	88
82) 4-Chlorotoluene	11.52	91	218022	20.95	ug/l	99
83) tert-Butylbenzene	11.77	119	221932	19.90	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	241711	20.98	ug/l	99
85) sec-Butylbenzene	11.95	105	267025	19.95	ug/l	99
86) p-Isopropyltoluene	12.07	119	247716	20.17	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	145206	20.76	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	145407	20.38	ug/l	99
89) n-Butylbenzene	12.40	91	188001	18.48	ug/l	100
90) Hexachloroethane	12.60	117	35520	19.21	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	150123	21.09	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20342	23.29	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104363	20.04	ug/l	99
94) Hexachlorobutadiene	13.79	225	53821	18.89	ug/l	99
95) Naphthalene	13.84	128	321289	22.31	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112501	21.05	ug/l	100

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

