

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062218\
 Data File : VX002837.D
 Acq On : 22 Jun 2018 17:53
 Operator : JC/MD
 Sample : VX0622WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/25/2018 6:56:07 PM

Quant Time: Jun 23 00:44:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	337211	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	319088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	200901	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	160781	42.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.94%	
35) Dibromofluoromethane	5.51	113	128508	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
50) Toluene-d8	8.72	98	460270	45.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.08%	
62) 4-Bromofluorobenzene	11.14	95	179713	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	50416	19.06	ug/l	99
3) Chloromethane	1.32	50	51261	16.29	ug/l	100
4) Vinyl Chloride	1.40	62	55054	16.86	ug/l	99
5) Bromomethane	1.64	94	41073	20.85	ug/l	100
6) Chloroethane	1.72	64	35766	16.62	ug/l	98
7) Trichlorofluoromethane	1.93	101	96760	18.24	ug/l	97
8) Diethyl Ether	2.19	74	33486	16.60	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	55325	18.66	ug/l	98
10) Methyl Iodide	2.51	142	47126	15.74	ug/l	99
11) Tert butyl alcohol	3.07	59	67262	85.94	ug/l	97
12) 1,1-Dichloroethene	2.37	96	47569	17.09	ug/l	98
13) Acrolein	2.29	56	20655	61.61	ug/l	100
14) Allyl chloride	2.73	41	94535	17.10	ug/l	99
15) Acrylonitrile	3.15	53	147840	86.57	ug/l	99
16) Acetone	2.45	43	140881	84.35	ug/l	99
17) Carbon Disulfide	2.57	76	117875	17.85	ug/l	98
18) Methyl Acetate	2.78	43	85377	19.19	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	174903	16.75	ug/l	100
20) Methylene Chloride	2.86	84	54710	15.98	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	50811	16.83	ug/l	97
22) Diisopropyl ether	3.87	45	185794	18.58	ug/l	97
23) Vinyl Acetate	3.82	43	779005	93.08	ug/l	99
24) 1,1-Dichloroethane	3.70	63	101212	18.65	ug/l	99
25) 2-Butanone	4.71	43	209038	95.30	ug/l	99
26) 2,2-Dichloropropane	4.59	77	76645	19.65	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	58022	18.88	ug/l	94
28) Bromochloromethane	5.02	49	44329	17.44	ug/l	94
29) Tetrahydrofuran	5.17	42	131957	91.79	ug/l	98
30) Chloroform	5.21	83	100760	19.25	ug/l	98
31) Cyclohexane	5.57	56	82865	18.54	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	88587	20.24	ug/l	99
36) 1,1-Dichloropropene	5.80	75	70960	19.81	ug/l	97
37) Ethyl Acetate	4.86	43	80355	19.82	ug/l	98
38) Carbon Tetrachloride	5.79	117	78531	22.02	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86588	20.68	ug/l	98
40) Benzene	6.15	78	214288	19.95	ug/l	99
41) Methacrylonitrile	5.06	41	46088	20.14	ug/l	97
42) 1,2-Dichloroethane	6.20	62	86248	20.74	ug/l	100
43) Isopropyl Acetate	6.46	43	130539	19.44	ug/l	100
44) Trichloroethene	7.21	130	64064	20.67	ug/l	95
45) 1,2-Dichloropropane	7.52	63	56151	19.87	ug/l	97
46) Dibromomethane	7.67	93	40038	21.18	ug/l	98
47) Bromodichloromethane	7.90	83	70990	21.29	ug/l	100
48) Methyl methacrylate	7.78	41	67665	19.72	ug/l	98
49) 1,4-Dioxane	7.76	88	27249	419.25	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	429102	99.51	ug/l	100
52) Toluene	8.79	92	138498	20.22	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	81336	19.94	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	75048	19.89	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	57188	20.66	ug/l	98
56) Ethyl methacrylate	9.18	69	82181	19.29	ug/l	98
57) 1,3-Dichloropropane	9.37	76	92028	19.66	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	157316	76.36	ug/l	100
59) 2-Hexanone	9.50	43	327745	100.86	ug/l	100
60) Dibromochloromethane	9.59	129	55981	20.39	ug/l	98
61) 1,2-Dibromoethane	9.68	107	58795	20.51	ug/l	100
64) Tetrachloroethene	9.34	164	72482	20.46	ug/l	97
65) Chlorobenzene	10.14	112	161345	20.59	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	57630	21.57	ug/l	98
67) Ethyl Benzene	10.26	91	270737	20.48	ug/l	100
68) m/p-Xylenes	10.36	106	210226	41.23	ug/l	100
69) o-Xylene	10.70	106	100534	20.07	ug/l	100
70) Styrene	10.71	104	169138	20.53	ug/l	99
71) Bromoform	10.86	173	43026	20.82	ug/l #	99
73) Isopropylbenzene	11.02	105	278925	20.76	ug/l	100
74) N-amyl acetate	6.46	43	130539	19.55	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	82723	20.85	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	75110m	19.81	ug/l	
77) Bromobenzene	11.26	156	76505	20.44	ug/l	98
78) n-propylbenzene	11.36	91	321792	20.88	ug/l	100
79) 2-Chlorotoluene	11.43	91	187846	20.42	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	236175	20.80	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	20964	20.40	ug/l	93
82) 4-Chlorotoluene	11.51	91	224381	20.67	ug/l	99
83) tert-Butylbenzene	11.77	119	226994	20.75	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	244732	21.12	ug/l	99
85) sec-Butylbenzene	11.95	105	284401	20.91	ug/l	100
86) p-Isopropyltoluene	12.07	119	256853	20.87	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	141955	20.68	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	143668	20.57	ug/l	99
89) n-Butylbenzene	12.39	91	219915	20.26	ug/l	99
90) Hexachloroethane	12.60	117	35235	20.03	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	143970	20.84	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17942	21.59	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	103821	20.70	ug/l	99
94) Hexachlorobutadiene	13.79	225	54430	20.61	ug/l	99
95) Naphthalene	13.84	128	279520	20.72	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	105570	20.96	ug/l	100

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

