

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000921.D
 Acq On : 16 Apr 2018 16:15
 Operator : JC/MD
 Sample : VX0416WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/18/2018 2:45:06 PM

Quant Time: Apr 16 17:12:17 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	336888	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	319243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	215574	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157140	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
35) Dibromofluoromethane	5.51	113	130685	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	8.72	98	478796	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
62) 4-Bromofluorobenzene	11.15	95	195229	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	54935	20.14	ug/l	99
3) Chloromethane	1.32	50	47885	20.48	ug/l	98
4) Vinyl Chloride	1.40	62	55360	21.05	ug/l	97
5) Bromomethane	1.64	94	35649	32.25	ug/l	98
6) Chloroethane	1.73	64	34678	21.75	ug/l	96
7) Trichlorofluoromethane	1.93	101	83932	21.15	ug/l	97
8) Diethyl Ether	2.19	74	32172	21.70	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49864	21.31	ug/l	99
10) Methyl Iodide	2.51	142	27758	20.96	ug/l	99
11) Tert butyl alcohol	3.07	59	51333	94.90	ug/l	98
12) 1,1-Dichloroethene	2.38	96	45994	20.74	ug/l	99
13) Acrolein	2.29	56	28203	107.37	ug/l	100
14) Allyl chloride	2.73	41	85567	20.87	ug/l	99
15) Acrylonitrile	3.15	53	131533	114.06	ug/l	99
16) Acetone	2.45	43	116612	110.99	ug/l	98
17) Carbon Disulfide	2.57	76	110939	16.52	ug/l	99
18) Methyl Acetate	2.78	43	67847	24.95	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	165395	22.39	ug/l	99
20) Methylene Chloride	2.86	84	52669	21.55	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	50367	20.60	ug/l	99
22) Diisopropyl ether	3.88	45	174755	23.19	ug/l	99
23) Vinyl Acetate	3.83	43	733396	110.84	ug/l	98
24) 1,1-Dichloroethane	3.70	63	95153	22.50	ug/l	99
25) 2-Butanone	4.71	43	193079	111.29	ug/l	99
26) 2,2-Dichloropropane	4.59	77	81354	19.38	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	60229	21.70	ug/l	99
28) Bromochloromethane	5.03	49	34939	20.52	ug/l	98
29) Tetrahydrofuran	5.18	42	121152	109.98	ug/l	99
30) Chloroform	5.22	83	99729	22.27	ug/l	99
31) Cyclohexane	5.59	56	81426	20.28	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	89557	21.00	ug/l	99
36) 1,1-Dichloropropene	5.81	75	75069	20.23	ug/l	99
37) Ethyl Acetate	4.87	43	76019	20.99	ug/l	99
38) Carbon Tetrachloride	5.79	117	76013	18.30	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	83907	18.83	ug/l	99
40) Benzene	6.15	78	214587	20.82	ug/l	99
41) Methacrylonitrile	5.07	41	44900	21.46	ug/l	99
42) 1,2-Dichloroethane	6.21	62	82100	21.32	ug/l	100
43) Isopropyl Acetate	6.48	43	127378	20.51	ug/l	100
44) Trichloroethene	7.22	130	64869	20.23	ug/l	98
45) 1,2-Dichloropropane	7.52	63	54146	20.63	ug/l	99
46) Dibromomethane	7.67	93	37797	20.65	ug/l	99
47) Bromodichloromethane	7.91	83	70442	19.07	ug/l	98
48) Methyl methacrylate	7.79	41	67303	20.91	ug/l	98
49) 1,4-Dioxane	7.76	88	22262	344.16	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	396563	108.72	ug/l	99
52) Toluene	8.79	92	141904	20.75	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	86293	19.48	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	80874	18.74	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	57064	21.02	ug/l	99
56) Ethyl methacrylate	9.19	69	85608	20.44	ug/l	99
57) 1,3-Dichloropropane	9.38	76	94327	21.85	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	220196	112.52	ug/l	99
59) 2-Hexanone	9.51	43	297714	105.72	ug/l	100
60) Dibromochloromethane	9.59	129	59669	18.37	ug/l	100
61) 1,2-Dibromoethane	9.68	107	61374	21.31	ug/l	99
64) Tetrachloroethene	9.34	164	67416	21.60	ug/l	98
65) Chlorobenzene	10.15	112	167613	20.87	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	59186	19.58	ug/l	99
67) Ethyl Benzene	10.26	91	277746	20.74	ug/l	100
68) m/p-Xylenes	10.37	106	218367	41.32	ug/l	99
69) o-Xylene	10.71	106	106041	20.82	ug/l	100
70) Styrene	10.72	104	178319	20.77	ug/l	100
71) Bromoform	10.87	173	46881	16.75	ug/l	100
73) Isopropylbenzene	11.02	105	287236	21.00	ug/l	100
74) N-amyl acetate	6.48	43	127378	20.68	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	84655	21.33	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	89073m	23.96	ug/l	
77) Bromobenzene	11.26	156	83038	20.72	ug/l	99
78) n-propylbenzene	11.37	91	323985	20.71	ug/l	100
79) 2-Chlorotoluene	11.43	91	192769	20.85	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	242541	20.62	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	21613	15.99	ug/l	90
82) 4-Chlorotoluene	11.52	91	231318	20.73	ug/l	100
83) tert-Butylbenzene	11.77	119	247295	20.55	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	250963	20.67	ug/l	99
85) sec-Butylbenzene	11.95	105	293010	20.64	ug/l	99
86) p-Isopropyltoluene	12.07	119	269867	20.39	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	152976	20.62	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	156898	20.64	ug/l	99
89) n-Butylbenzene	12.40	91	236070	20.20	ug/l	100
90) Hexachloroethane	12.60	117	36972	16.51	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	150703	21.04	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17099	17.20	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	125432	20.53	ug/l	100
94) Hexachlorobutadiene	13.79	225	52791	17.57	ug/l	99
95) Naphthalene	13.84	128	324632	20.70	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	122489	20.64	ug/l	99

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

