

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040418\
 Data File : VX000665.D
 Acq On : 04 Apr 2018 18:44
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX040418

Manual Integrations
 APPROVED

sam
 4/5/2018 6:25:18 PM

Quant Time: Apr 05 05:30:04 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 03:34:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	113646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	205645	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	221447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	132947	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	98040	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
35) Dibromofluoromethane	5.51	113	70328	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	8.73	98	299791	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.15	95	124490	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	87219	57.27	ug/l	98
3) Chloromethane	1.32	50	78937	60.56	ug/l	95
4) Vinyl Chloride	1.40	62	93641	54.80	ug/l	97
5) Bromomethane	1.64	94	82022	49.30	ug/l	97
6) Chloroethane	1.72	64	59279	47.14	ug/l	99
7) Trichlorofluoromethane	1.93	101	155736	51.41	ug/l	99
8) Diethyl Ether	2.19	74	57339	51.03	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	84740	51.79	ug/l	95
10) Methyl Iodide	2.51	142	56811	47.36	ug/l	97
11) Tert butyl alcohol	3.09	59	194905	260.30	ug/l	100
12) 1,1-Dichloroethene	2.37	96	79465	51.51	ug/l	87
13) Acrolein	2.30	56	117312	264.29	ug/l	99
14) Allyl chloride	2.73	41	146446	47.33	ug/l	98
15) Acrylonitrile	3.16	53	351285	254.38	ug/l	99
16) Acetone	2.45	43	364303	229.33	ug/l	99
17) Carbon Disulfide	2.57	76	179214	49.42	ug/l	96
18) Methyl Acetate	2.78	43	178736	50.46	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	298757	53.57	ug/l	99
20) Methylene Chloride	2.86	84	90057	49.71	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	84627	50.60	ug/l	84
22) Diisopropyl ether	3.88	45	201265	45.71	ug/l	98
23) Vinyl Acetate	3.84	43	941327	221.11	ug/l	100
24) 1,1-Dichloroethane	3.70	63	152095	51.97	ug/l	99
25) 2-Butanone	4.72	43	401987	249.64	ug/l	98
26) 2,2-Dichloropropane	4.59	77	81945	51.14	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	63835	50.40	ug/l	99
28) Bromochloromethane	5.03	49	53718	48.99	ug/l	97
29) Tetrahydrofuran	5.18	42	264894	255.67	ug/l	99
30) Chloroform	5.23	83	129681	52.27	ug/l	97
31) Cyclohexane	5.59	56	93533	49.08	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	110864	54.29	ug/l	98
36) 1,1-Dichloropropene	5.81	75	88421	46.35	ug/l	98
37) Ethyl Acetate	4.88	43	137082	47.22	ug/l	99
38) Carbon Tetrachloride	5.79	117	91707	49.94	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	98854	44.82	ug/l	96
40) Benzene	6.15	78	268405	49.26	ug/l	98
41) Methacrylonitrile	5.07	41	72566	45.63	ug/l	96
42) 1,2-Dichloroethane	6.21	62	112455	49.36	ug/l	99
43) Isopropyl Acetate	6.48	43	211103	50.16	ug/l	99
44) Trichloroethene	7.22	130	69821	46.39	ug/l	98
45) 1,2-Dichloropropane	7.53	63	70026	47.67	ug/l	100
46) Dibromomethane	7.67	93	52800	48.99	ug/l	98
47) Bromodichloromethane	7.91	83	103383	50.43	ug/l	98
48) Methyl methacrylate	7.79	41	104698	48.53	ug/l	98
49) 1,4-Dioxane	7.77	88	46308	1012.78	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	861051	251.52	ug/l	99
52) Toluene	8.79	92	189814	49.31	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	117240	52.91	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	121241	46.55	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	80365	50.08	ug/l	97
56) Ethyl methacrylate	9.19	69	129315	44.95	ug/l	98
57) 1,3-Dichloropropane	9.38	76	132812	50.53	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	316212	255.34	ug/l	99
59) 2-Hexanone	9.51	43	748872	257.23	ug/l	97
60) Dibromochloromethane	9.59	129	86312	44.11	ug/l	99
61) 1,2-Dibromoethane	9.68	107	90731	52.43	ug/l	95
64) Tetrachloroethene	9.34	164	66142	45.86	ug/l	94
65) Chlorobenzene	10.15	112	225196	49.94	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	78928	51.33	ug/l	95
67) Ethyl Benzene	10.26	91	396426	49.68	ug/l	96
68) m/p-Xylenes	10.37	106	317786	105.67	ug/l	98
69) o-Xylene	10.71	106	154107	52.05	ug/l	95
70) Styrene	10.72	104	266564	53.39	ug/l	98
71) Bromoform	10.87	173	68773	43.89	ug/l #	99
73) Isopropylbenzene	11.02	105	430057	53.50	ug/l	100
74) N-amyl acetate	6.48	43	211103	48.94	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	158253	51.74	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	146646m	50.57	ug/l	
77) Bromobenzene	11.26	156	103904	51.71	ug/l	97
78) n-propylbenzene	11.37	91	505935	51.62	ug/l	98
79) 2-Chlorotoluene	11.43	91	294287	52.86	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	364732	53.14	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	44845	55.46	ug/l	97
82) 4-Chlorotoluene	11.52	91	361632	51.91	ug/l	98
83) tert-Butylbenzene	11.78	119	364692	54.51	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	382422	53.27	ug/l	98
85) sec-Butylbenzene	11.96	105	451797	53.15	ug/l	100
86) p-Isopropyltoluene	12.07	119	401309	54.25	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	204912	52.34	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	216751	50.61	ug/l	99
89) n-Butylbenzene	12.40	91	373571	49.50	ug/l	99
90) Hexachloroethane	12.60	117	65027	51.74	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	208360	51.03	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	44574	51.06	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	138490	50.39	ug/l	98
94) Hexachlorobutadiene	13.79	225	50204	47.68	ug/l	97
95) Naphthalene	13.84	128	548790	54.85	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	139573	50.47	ug/l	99

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

