

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040718\
 Data File : VX000718.D
 Acq On : 07 Apr 2018 16:15
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX040718

Manual Integrations
 APPROVED

sam
 4/9/2018 2:02:25 PM

Quant Time: Apr 09 01:39:12 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	305836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	427265	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	398389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	233691	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	170082	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	5.51	113	141951	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
50) Toluene-d8	8.73	98	522257	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	11.15	95	212226	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	100916	36.635	ug/l	98
3) Chloromethane	1.32	50	88300	40.038	ug/l	96
4) Vinyl Chloride	1.40	62	92008	36.968	ug/l	100
5) Bromomethane	1.64	94	58571	46.334	ug/l	100
6) Chloroethane	1.73	64	55303	36.210	ug/l	98
7) Trichlorofluoromethane	1.93	101	141358	34.681	ug/l	98
8) Diethyl Ether	2.19	74	55946	39.616	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	83933	35.162	ug/l	99
10) Methyl Iodide	2.51	142	98426	39.541	ug/l	99
11) Tert butyl alcohol	3.07	59	120671	202.758	ug/l	100
12) 1,1-Dichloroethene	2.38	96	77963	36.376	ug/l	98
13) Acrolein	2.30	56	67731	260.028	ug/l	100
14) Allyl chloride	2.73	41	155821	35.959	ug/l	98
15) Acrylonitrile	3.15	53	249600	200.102	ug/l	100
16) Acetone	2.45	43	207629	189.255	ug/l	100
17) Carbon Disulfide	2.57	76	191818	39.867	ug/l	100
18) Methyl Acetate	2.78	43	132754	40.755	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	297421	37.323	ug/l	98
20) Methylene Chloride	2.86	84	91739	38.314	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	84531	36.889	ug/l	98
22) Diisopropyl ether	3.88	45	308333	36.312	ug/l	98
23) Vinyl Acetate	3.83	43	1372772	190.919	ug/l	100
24) 1,1-Dichloroethane	3.70	63	169066	38.037	ug/l	98
25) 2-Butanone	4.71	43	372683	194.172	ug/l	97
26) 2,2-Dichloropropane	4.59	77	151596	33.512	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	105747	36.096	ug/l	99
28) Bromochloromethane	5.03	49	86811	49.304	ug/l	99
29) Tetrahydrofuran	5.17	42	235668	192.951	ug/l	99
30) Chloroform	5.23	83	177549	36.744	ug/l	100
31) Cyclohexane	5.59	56	135010	37.793	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	166358	36.126	ug/l	99
36) 1,1-Dichloropropene	5.81	75	125458	34.285	ug/l	99
37) Ethyl Acetate	4.87	43	143347	36.292	ug/l	99
38) Carbon Tetrachloride	5.79	117	153697	35.845	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	142669	36.336	ug/l	97
40) Benzene	6.15	78	371025	36.047	ug/l	100
41) Methacrylonitrile	5.07	41	85007	37.149	ug/l	99
42) 1,2-Dichloroethane	6.21	62	146737	36.143	ug/l	99
43) Isopropyl Acetate	6.48	43	248719	36.159	ug/l	99
44) Trichloroethene	7.22	130	113037	36.140	ug/l	99
45) 1,2-Dichloropropane	7.52	63	99389	36.012	ug/l	100
46) Dibromomethane	7.67	93	68819	35.927	ug/l	98
47) Bromodichloromethane	7.91	83	145630	36.743	ug/l	99
48) Methyl methacrylate	7.79	41	130330	37.659	ug/l	99
49) 1,4-Dioxane	7.76	88	53429	777.871	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	752116	188.725	ug/l	99
52) Toluene	8.79	92	246359	35.901	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	171359	36.334	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	170427	36.390	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	102260	36.633	ug/l	98
56) Ethyl methacrylate	9.19	69	165082	37.088	ug/l	100
57) 1,3-Dichloropropane	9.38	76	166287	36.416	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	409994	196.675	ug/l	100
59) 2-Hexanone	9.51	43	576088	189.403	ug/l	99
60) Dibromochloromethane	9.59	129	128916	37.028	ug/l	99
61) 1,2-Dibromoethane	9.68	107	109273	36.453	ug/l	100
64) Tetrachloroethene	9.34	164	109606	35.092	ug/l	99
65) Chlorobenzene	10.15	112	297168	36.237	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	115433	36.052	ug/l	100
67) Ethyl Benzene	10.26	91	487394	35.434	ug/l	99
68) m/p-Xylenes	10.37	106	380144	70.641	ug/l	98
69) o-Xylene	10.71	106	186628	35.340	ug/l	100
70) Styrene	10.72	104	324616	36.384	ug/l	100
71) Bromoform	10.87	173	114926	37.910	ug/l #	99
73) Isopropylbenzene	11.02	105	508487	36.399	ug/l	100
74) N-amyl acetate	6.48	43	248719	36.581	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	155707	37.497	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	147568m	37.114	ug/l	
77) Bromobenzene	11.26	156	149587	37.756	ug/l	98
78) n-propylbenzene	11.37	91	574269	35.826	ug/l	100
79) 2-Chlorotoluene	11.43	91	345911	36.182	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	437252	36.136	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	54670	35.798	ug/l	94
82) 4-Chlorotoluene	11.52	91	415170	36.243	ug/l	100
83) tert-Butylbenzene	11.78	119	456473	36.800	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	450862	35.984	ug/l	100
85) sec-Butylbenzene	11.95	105	527536	36.342	ug/l	100
86) p-Isopropyltoluene	12.07	119	493889	36.390	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	275328	37.087	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	277897	36.519	ug/l	100
89) n-Butylbenzene	12.40	91	436989	36.045	ug/l	100
90) Hexachloroethane	12.60	117	91490	37.125	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	268613	37.070	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	40221	36.853	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	228513	37.060	ug/l	100
94) Hexachlorobutadiene	13.79	225	110420	36.367	ug/l	99
95) Naphthalene	13.84	128	626426	38.800	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	224532	37.744	ug/l	99

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

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