

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040818\
 Data File : VX000720.D
 Acq On : 08 Apr 2018 09:56
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX040818

Manual Integrations
 APPROVED

sam
 4/9/2018 2:03:04 PM

Quant Time: Apr 09 06:50:00 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	348611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	471194	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	437161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	265326	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	179256	44.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.94%	
35) Dibromofluoromethane	5.51	113	150486	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	8.72	98	560210	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
62) 4-Bromofluorobenzene	11.15	95	228253	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	156053	49.70	ug/l	99
3) Chloromethane	1.32	50	125247	50.18	ug/l	97
4) Vinyl Chloride	1.41	62	131634	46.40	ug/l	99
5) Bromomethane	1.64	94	85203	60.75	ug/l	99
6) Chloroethane	1.73	64	80353	46.16	ug/l	100
7) Trichlorofluoromethane	1.93	101	220157	47.39	ug/l	98
8) Diethyl Ether	2.19	74	79584	49.67	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	133959	49.23	ug/l	99
10) Methyl Iodide	2.51	142	130309	45.06	ug/l	99
11) Tert butyl alcohol	3.06	59	144552	213.08	ug/l	99
12) 1,1-Dichloroethene	2.38	96	114638	46.92	ug/l	99
13) Acrolein	2.29	56	60978	205.38	ug/l	98
14) Allyl chloride	2.73	41	225798	45.71	ug/l	100
15) Acrylonitrile	3.15	53	317656	223.41	ug/l	100
16) Acetone	2.45	43	268792	214.94	ug/l	100
17) Carbon Disulfide	2.57	76	277294	50.99	ug/l	100
18) Methyl Acetate	2.78	43	167995	45.25	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	428994	47.23	ug/l	99
20) Methylene Chloride	2.86	84	128450	47.79	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	123921	47.44	ug/l	98
22) Diisopropyl ether	3.87	45	432714	44.71	ug/l	98
23) Vinyl Acetate	3.82	43	1807401	220.52	ug/l	99
24) 1,1-Dichloroethane	3.70	63	234664	46.32	ug/l	98
25) 2-Butanone	4.71	43	459968	210.24	ug/l	96
26) 2,2-Dichloropropane	4.59	77	244641	47.44	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	154872	46.38	ug/l	99
28) Bromochloromethane	5.03	49	108153	54.27	ug/l	98
29) Tetrahydrofuran	5.17	42	292737	210.27	ug/l	98
30) Chloroform	5.22	83	261047	47.40	ug/l	100
31) Cyclohexane	5.58	56	203021	50.59	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	246026	46.87	ug/l	99
36) 1,1-Dichloropropene	5.81	75	191928	47.56	ug/l	100
37) Ethyl Acetate	4.87	43	184216	42.29	ug/l	99
38) Carbon Tetrachloride	5.79	117	226346	47.87	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	226251	53.10	ug/l	96
40) Benzene	6.15	78	544050	47.93	ug/l	99
41) Methacrylonitrile	5.06	41	111729	44.27	ug/l	98
42) 1,2-Dichloroethane	6.20	62	207894	46.43	ug/l	99
43) Isopropyl Acetate	6.47	43	337961	44.55	ug/l	99
44) Trichloroethene	7.22	130	172331	49.96	ug/l	98
45) 1,2-Dichloropropane	7.52	63	145396	47.77	ug/l	98
46) Dibromomethane	7.67	93	98121	46.45	ug/l	97
47) Bromodichloromethane	7.90	83	210603	48.18	ug/l	100
48) Methyl methacrylate	7.78	41	173784	45.53	ug/l	99
49) 1,4-Dioxane	7.76	88	65857	869.42	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	978056	222.54	ug/l	99
52) Toluene	8.79	92	365522	48.30	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	253412	48.72	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	251302	48.66	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	148214	48.15	ug/l	99
56) Ethyl methacrylate	9.19	69	230994	47.06	ug/l	99
57) 1,3-Dichloropropane	9.38	76	240615	47.78	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	542208	235.85	ug/l	99
59) 2-Hexanone	9.51	43	736383	219.53	ug/l	99
60) Dibromochloromethane	9.59	129	188835	49.18	ug/l	100
61) 1,2-Dibromoethane	9.68	107	154526	46.74	ug/l	98
64) Tetrachloroethene	9.34	164	170299	49.69	ug/l	99
65) Chlorobenzene	10.15	112	438243	48.70	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	171814	48.90	ug/l	100
67) Ethyl Benzene	10.26	91	733347	48.59	ug/l	100
68) m/p-Xylenes	10.37	106	580028	98.22	ug/l	100
69) o-Xylene	10.71	106	279065	48.16	ug/l	100
70) Styrene	10.72	104	482762	49.31	ug/l	99
71) Bromoform	10.87	173	164309	49.39	ug/l #	98
73) Isopropylbenzene	11.02	105	775542	48.90	ug/l	100
74) N-amyl acetate	6.47	43	337961	43.78	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	214509	45.50	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	204662m	45.34	ug/l	
77) Bromobenzene	11.26	156	218899	48.66	ug/l	99
78) n-propylbenzene	11.37	91	885225	48.64	ug/l	100
79) 2-Chlorotoluene	11.43	91	519760	47.88	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	666046	48.48	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	78887	45.50	ug/l #	87
82) 4-Chlorotoluene	11.52	91	626953	48.21	ug/l	100
83) tert-Butylbenzene	11.78	119	692380	49.16	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	685937	48.22	ug/l	99
85) sec-Butylbenzene	11.95	105	812336	49.29	ug/l	100
86) p-Isopropyltoluene	12.07	119	761494	49.42	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	415897	49.34	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	423279	48.99	ug/l	100
89) n-Butylbenzene	12.40	91	686469	49.87	ug/l	100
90) Hexachloroethane	12.60	117	138191	49.39	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	401061	48.75	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53464	43.15	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	350222	50.03	ug/l	100
94) Hexachlorobutadiene	13.79	225	178608	51.81	ug/l	99
95) Naphthalene	13.84	128	868477	47.38	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	335773	49.71	ug/l	100

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

