

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030718\
 Data File : VX000212.D
 Acq On : 07 Mar 2018 15:07
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX030718

Manual Integrations
 APPROVED

apatel
 3/8/2018 10:42:42 AM

Quant Time: Mar 08 02:20:31 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	149774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	255083	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	261764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160810	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	109303	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
35) Dibromofluoromethane	5.51	113	88250	55.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.16%	
50) Toluene-d8	8.73	98	353129	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	
62) 4-Bromofluorobenzene	11.15	95	139728	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	77279	47.35	ug/l	99
3) Chloromethane	1.32	50	82370	51.70	ug/l	99
4) Vinyl Chloride	1.41	62	93744	50.49	ug/l	100
5) Bromomethane	1.64	94	101128	52.34	ug/l	99
6) Chloroethane	1.72	64	60855	52.60	ug/l	98
7) Trichlorofluoromethane	1.93	101	151500	49.18	ug/l	94
8) Diethyl Ether	2.20	74	56245	49.75	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	79605	46.27	ug/l	98
10) Methyl Iodide	2.52	142	92082	50.93	ug/l	100
11) Tert butyl alcohol	3.08	59	193545	253.70	ug/l	99
12) 1,1-Dichloroethene	2.38	96	79882	50.57	ug/l	91
13) Acrolein	2.30	56	110121	274.56	ug/l	97
14) Allyl chloride	2.73	41	146805	50.31	ug/l	97
15) Acrylonitrile	3.16	53	342599	258.05	ug/l	100
16) Acetone	2.45	43	358984	240.76	ug/l	100
17) Carbon Disulfide	2.57	76	222624	51.43	ug/l	99
18) Methyl Acetate	2.79	43	159694	50.29	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	294576	52.36	ug/l	98
20) Methylene Chloride	2.87	84	88431	49.73	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	87432	50.32	ug/l	99
22) Diisopropyl ether	3.89	45	229704	45.84	ug/l	98
23) Vinyl Acetate	3.84	43	1117851	231.46	ug/l	99
24) 1,1-Dichloroethane	3.71	63	148265	48.26	ug/l	99
25) 2-Butanone	4.72	43	460942	250.50	ug/l	97
26) 2,2-Dichloropropane	4.60	77	111437	49.63	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	81402	49.41	ug/l	98
28) Bromochloromethane	5.04	49	69756	53.43	ug/l	99
29) Tetrahydrofuran	5.18	42	304736	263.68	ug/l	100
30) Chloroform	5.23	83	152221	51.25	ug/l	99
31) Cyclohexane	5.59	56	109254	48.09	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	134342	52.17	ug/l	100
36) 1,1-Dichloropropene	5.81	75	107958	47.56	ug/l	100
37) Ethyl Acetate	4.88	43	160299	48.87	ug/l	100
38) Carbon Tetrachloride	5.79	117	113530	49.43	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	125774	45.16	ug/l	98
40) Benzene	6.16	78	325632	49.75	ug/l	99
41) Methacrylonitrile	5.08	41	81090	48.50	ug/l	99
42) 1,2-Dichloroethane	6.21	62	128168	49.92	ug/l	99
43) Isopropyl Acetate	6.48	43	240283	50.67	ug/l	99
44) Trichloroethene	7.23	130	91486	48.83	ug/l	98
45) 1,2-Dichloropropane	7.52	63	84386	50.90	ug/l	94
46) Dibromomethane	7.67	93	65988	50.31	ug/l	98
47) Bromodichloromethane	7.91	83	122204	52.96	ug/l	97
48) Methyl methacrylate	7.79	41	118377	50.68	ug/l	97
49) 1,4-Dioxane	7.77	88	54414	1026.14	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	927370	259.08	ug/l	99
52) Toluene	8.79	92	226029	50.38	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	139795	51.41	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	142895	54.32	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	96341	53.02	ug/l	98
56) Ethyl methacrylate	9.20	69	150356	55.29	ug/l	98
57) 1,3-Dichloropropane	9.38	76	152527	49.99	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	364971	265.82	ug/l	99
59) 2-Hexanone	9.51	43	805030	263.76	ug/l	100
60) Dibromochloromethane	9.59	129	106832	55.76	ug/l	98
61) 1,2-Dibromoethane	9.68	107	107338	53.19	ug/l	97
64) Tetrachloroethene	9.34	164	84968	46.39	ug/l	96
65) Chlorobenzene	10.15	112	265566	50.24	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	94824	52.47	ug/l	99
67) Ethyl Benzene	10.26	91	450169	48.79	ug/l	99
68) m/p-Xylenes	10.37	106	359851	101.34	ug/l	99
69) o-Xylene	10.71	106	175148	51.32	ug/l	98
70) Styrene	10.72	104	298214	52.67	ug/l	99
71) Bromoform	10.87	173	86274	46.95	ug/l #	99
73) Isopropylbenzene	11.02	105	464060	46.09	ug/l	99
74) N-amyl acetate	6.48	43	240283	46.65	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	174054	49.31	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	157933m	48.99	ug/l	
77) Bromobenzene	11.26	156	123528	47.46	ug/l	99
78) n-propylbenzene	11.37	91	546430	46.12	ug/l	99
79) 2-Chlorotoluene	11.43	91	316312	47.32	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	398803	47.44	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	53428	50.75	ug/l	99
82) 4-Chlorotoluene	11.52	91	384701	47.34	ug/l	100
83) tert-Butylbenzene	11.78	119	395136	48.31	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	416839	48.22	ug/l	100
85) sec-Butylbenzene	11.96	105	483122	46.70	ug/l	99
86) p-Isopropyltoluene	12.07	119	443794	48.64	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	242776	49.06	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	251692	48.53	ug/l	99
89) n-Butylbenzene	12.40	91	409373	46.59	ug/l	100
90) Hexachloroethane	12.60	117	71164	48.41	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	241557	49.30	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52774	53.24	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	170199	47.75	ug/l	100
94) Hexachlorobutadiene	13.79	225	66643	44.92	ug/l	99
95) Naphthalene	13.84	128	632488	50.85	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	169684	48.12	ug/l	100

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

