

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX020918\
 Data File : VX000049.D
 Acq On : 09 Feb 2018 17:52
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 ICVVX020918

Manual Integrations
 APPROVED

sam
 2/14/2018 5:29:40 PM

Quant Time: Feb 10 00:15:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	155767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	233457	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	224633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	127965	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	74070	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	
35) Dibromofluoromethane	5.52	113	69411	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
50) Toluene-d8	8.73	98	243868	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
62) 4-Bromofluorobenzene	11.15	95	99844	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	67343	47.71	ug/l	98
3) Chloromethane	1.32	50	69466	48.33	ug/l	97
4) Vinyl Chloride	1.41	62	77965	48.13	ug/l	100
5) Bromomethane	1.64	94	45253	52.30	ug/l	96
6) Chloroethane	1.72	64	47780	49.06	ug/l	98
7) Trichlorofluoromethane	1.93	101	133603	47.34	ug/l	99
8) Diethyl Ether	2.20	74	46442	45.45	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	74830	46.93	ug/l	99
10) Methyl Iodide	2.51	142	93925	48.56	ug/l	100
11) Tert butyl alcohol	3.09	59	157146	241.30	ug/l	100
12) 1,1-Dichloroethene	2.38	96	70382	46.57	ug/l	98
13) Acrolein	2.30	56	87003	260.28	ug/l	100
14) Allyl chloride	2.73	41	120613	45.81	ug/l	99
15) Acrylonitrile	3.16	53	261767	230.71	ug/l	99
16) Acetone	2.46	43	226863	235.45	ug/l	98
17) Carbon Disulfide	2.57	76	211701	48.08	ug/l	99
18) Methyl Acetate	2.79	43	118880	48.93	ug/l	98
19) Methyl tert-butyl Ether	3.22	73	242963	46.98	ug/l	100
20) Methylene Chloride	2.86	84	74995	46.48	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	75596	46.47	ug/l	96
22) Diisopropyl ether	3.89	45	200138	46.02	ug/l	99
23) Vinyl Acetate	3.84	43	930593	236.73	ug/l	99
24) 1,1-Dichloroethane	3.71	63	123804	45.80	ug/l	97
25) 2-Butanone	4.73	43	346604	238.34	ug/l	99
26) 2,2-Dichloropropane	4.59	77	110267	47.61	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	77995	48.92	ug/l	99
28) Bromochloromethane	5.04	49	39497	44.07	ug/l	100
29) Tetrahydrofuran	5.19	42	235521	236.35	ug/l	99
30) Chloroform	5.23	83	128953	47.33	ug/l	98
31) Cyclohexane	5.59	56	103690	46.69	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	122565	47.79	ug/l	99
36) 1,1-Dichloropropene	5.81	75	98371	48.40	ug/l	99
37) Ethyl Acetate	4.89	43	126263	48.11	ug/l	99
38) Carbon Tetrachloride	5.79	117	113569	49.76	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	121522	49.24	ug/l	96
40) Benzene	6.16	78	282464	49.17	ug/l	99
41) Methacrylonitrile	5.08	41	64866	48.11	ug/l	98
42) 1,2-Dichloroethane	6.21	62	99523	48.50	ug/l	99
43) Isopropyl Acetate	6.49	43	189880	47.98	ug/l	99
44) Trichloroethene	7.23	130	88626	49.86	ug/l	96
45) 1,2-Dichloropropane	7.53	63	69118	49.48	ug/l	96
46) Dibromomethane	7.67	93	54193	50.27	ug/l	100
47) Bromodichloromethane	7.91	83	103772	49.50	ug/l	100
48) Methyl methacrylate	7.79	41	92062	47.39	ug/l	99
49) 1,4-Dioxane	7.78	88	52270	1010.16	ug/l	100
51) 4-Methyl-2-Pentanone	8.67	43	691860	250.89	ug/l	100
52) Toluene	8.79	92	191495	49.62	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	122991	50.15	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	120709	50.64	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	78874	48.74	ug/l	98
56) Ethyl methacrylate	9.20	69	125675	50.62	ug/l	99
57) 1,3-Dichloropropane	9.38	76	124666	49.52	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	301283	245.71	ug/l	100
59) 2-Hexanone	9.51	43	570991	254.58	ug/l	100
60) Dibromochloromethane	9.59	129	95100	51.10	ug/l	99
61) 1,2-Dibromoethane	9.68	107	89853	50.41	ug/l	100
64) Tetrachloroethene	9.34	164	83701	50.05	ug/l	97
65) Chlorobenzene	10.15	112	227462	48.72	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	85347	50.84	ug/l	99
67) Ethyl Benzene	10.26	91	377283	48.75	ug/l	99
68) m/p-Xylenes	10.37	106	302192	98.04	ug/l	100
69) o-Xylene	10.71	106	145382	48.86	ug/l	99
70) Styrene	10.72	104	245821	48.91	ug/l	99
71) Bromoform	10.87	173	82816	52.14	ug/l	99
73) Isopropylbenzene	11.03	105	391290	48.19	ug/l	99
74) N-amyl acetate	6.49	43	189880	46.73	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	135927	49.21	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	122199m	50.71	ug/l	
77) Bromobenzene	11.26	156	109009	49.48	ug/l	99
78) n-propylbenzene	11.37	91	455951	48.43	ug/l	100
79) 2-Chlorotoluene	11.43	91	264784	48.64	ug/l	99
80) 1,3,5-Trimethylbenzene	11.52	105	330081	48.52	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	49359	50.68	ug/l	99
82) 4-Chlorotoluene	11.52	91	313781	48.24	ug/l	100
83) tert-Butylbenzene	11.78	119	332044	48.31	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	341294	49.03	ug/l	99
85) sec-Butylbenzene	11.96	105	410308	48.52	ug/l	100
86) p-Isopropyltoluene	12.07	119	369305	48.56	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	201949	48.65	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	206076	48.51	ug/l	100
89) n-Butylbenzene	12.40	91	338524	47.65	ug/l	99
90) Hexachloroethane	12.60	117	64037	48.15	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	198192	48.80	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	37354	47.23	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	150516	48.45	ug/l	99
94) Hexachlorobutadiene	13.79	225	73613	50.23	ug/l	99
95) Naphthalene	13.85	128	490044	48.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	148740	49.21	ug/l	99

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

