

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032018\
 Data File : VX000357.D
 Acq On : 20 Mar 2018 11:44
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

sam
 3/21/2018 11:44:40 AM

Quant Time: Mar 20 12:13:26 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 20 12:07:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	122961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	205608	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	200916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	121725	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	85294	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	5.51	113	67654	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
50) Toluene-d8	8.73	98	264257	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
62) 4-Bromofluorobenzene	11.15	95	103994	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	65669	49.58	ug/l	97
3) Chloromethane	1.32	50	67446	49.95	ug/l	97
4) Vinyl Chloride	1.41	62	73923	48.88	ug/l	96
5) Bromomethane	1.64	94	100016	59.26	ug/l	97
6) Chloroethane	1.73	64	50461	46.95	ug/l	100
7) Trichlorofluoromethane	1.93	101	132396	50.41	ug/l	98
8) Diethyl Ether	2.20	74	47050	50.32	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	72154	51.02	ug/l	97
10) Methyl Iodide	2.52	142	76133	53.27	ug/l	100
11) Tert butyl alcohol	3.07	59	139818	254.04	ug/l	99
12) 1,1-Dichloroethene	2.38	96	67251	50.10	ug/l	97
13) Acrolein	2.30	56	43016	181.66	ug/l	100
14) Allyl chloride	2.73	41	123000	51.39	ug/l	99
15) Acrylonitrile	3.15	53	273464	257.69	ug/l	99
16) Acetone	2.45	43	328723	289.42	ug/l	100
17) Carbon Disulfide	2.57	76	181180	46.21	ug/l	100
18) Methyl Acetate	2.79	43	138698	54.57	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	245312	51.91	ug/l	97
20) Methylene Chloride	2.87	84	73739	50.15	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	71466	48.16	ug/l	95
22) Diisopropyl ether	3.89	45	191746	48.13	ug/l	93
23) Vinyl Acetate	3.84	43	1025233	270.02	ug/l	98
24) 1,1-Dichloroethane	3.71	63	133016	53.08	ug/l	99
25) 2-Butanone	4.71	43	378379	278.73	ug/l	96
26) 2,2-Dichloropropane	4.60	77	95875	53.00	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	69120	50.99	ug/l	98
28) Bromochloromethane	5.03	49	59598	56.58	ug/l	99
29) Tetrahydrofuran	5.18	42	238350	272.80	ug/l	99
30) Chloroform	5.23	83	129864	54.89	ug/l	95
31) Cyclohexane	5.59	56	101394	52.73	ug/l	94
32) 1,1,1-Trichloroethane	5.51	97	114436	54.73	ug/l	98
36) 1,1-Dichloropropene	5.81	75	92447	49.48	ug/l	98
37) Ethyl Acetate	4.87	43	129575	52.19	ug/l	100
38) Carbon Tetrachloride	5.79	117	100244	53.22	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	113411	52.05	ug/l	97
40) Benzene	6.15	78	277260	52.31	ug/l	100
41) Methacrylonitrile	5.07	41	65223	50.03	ug/l	97
42) 1,2-Dichloroethane	6.21	62	108302	51.55	ug/l	99
43) Isopropyl Acetate	6.48	43	197957	55.24	ug/l	99
44) Trichloroethene	7.23	130	75596	49.22	ug/l	96
45) 1,2-Dichloropropane	7.53	63	71819	54.94	ug/l	100
46) Dibromomethane	7.67	93	54520	51.92	ug/l	98
47) Bromodichloromethane	7.91	83	102618	55.05	ug/l	99
48) Methyl methacrylate	7.79	41	96284	53.14	ug/l	99
49) 1,4-Dioxane	7.77	88	39636	972.27	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	753093	270.61	ug/l	99
52) Toluene	8.79	92	188210	50.55	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	116494	54.15	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	114595	54.47	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	78560	52.59	ug/l	97
56) Ethyl methacrylate	9.19	69	121492	54.92	ug/l	99
57) 1,3-Dichloropropane	9.38	76	125505	51.86	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	300801	295.71	ug/l	98
59) 2-Hexanone	9.51	43	638997	272.53	ug/l	99
60) Dibromochloromethane	9.59	129	85469	54.11	ug/l	99
61) 1,2-Dibromoethane	9.68	107	85919	51.89	ug/l	100
64) Tetrachloroethene	9.34	164	73937	51.53	ug/l	95
65) Chlorobenzene	10.15	112	219110	53.55	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	78750	57.23	ug/l	99
67) Ethyl Benzene	10.26	91	381079	54.63	ug/l	99
68) m/p-Xylenes	10.37	106	299973	110.38	ug/l	99
69) o-Xylene	10.71	106	145968	55.29	ug/l	98
70) Styrene	10.72	104	250560	57.19	ug/l	98
71) Bromoform	10.87	173	69204	57.49	ug/l #	96
73) Isopropylbenzene	11.02	105	407499	55.58	ug/l	100
74) N-amyl acetate	6.48	43	197957	56.40	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	144628	55.42	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	131520m	53.67	ug/l	
77) Bromobenzene	11.26	156	101787	52.89	ug/l	99
78) n-propylbenzene	11.37	91	475609	53.80	ug/l	99
79) 2-Chlorotoluene	11.43	91	271650	54.15	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	351109	56.22	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	43231	60.11	ug/l	97
82) 4-Chlorotoluene	11.52	91	331940	53.83	ug/l	98
83) tert-Butylbenzene	11.78	119	343390	56.36	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	365159	56.87	ug/l	99
85) sec-Butylbenzene	11.96	105	432727	56.73	ug/l	99
86) p-Isopropyltoluene	12.07	119	390583	57.54	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	200056	52.98	ug/l	98
88) 1,4-Dichlorobenzene	12.11	146	207066	52.77	ug/l	97
89) n-Butylbenzene	12.40	91	356118	53.95	ug/l	99
90) Hexachloroethane	12.60	117	62958	57.82	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	200853	54.91	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	40546	57.39	ug/l	98

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93) 1,2,4-Trichlorobenzene	13.65	180	137430	52.16	ug/l	99
94) Hexachlorobutadiene	13.79	225	58229	56.02	ug/l	99
95) Naphthalene	13.84	128	509374	55.71	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	140111	52.64	ug/l	99

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

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