

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001087.D
 Acq On : 24 Apr 2018 20:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Sohil
 4/26/2018 4:06:20 AM

Quant Time: Apr 25 07:41:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	338823	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226165	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	153413	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	5.51	113	126193	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	8.72	98	446119	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
62) 4-Bromofluorobenzene	11.14	95	186313	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	155426	50.34	ug/l	98
3) Chloromethane	1.32	50	135928	47.28	ug/l	99
4) Vinyl Chloride	1.40	62	143499	48.16	ug/l	99
5) Bromomethane	1.64	94	79789	46.04	ug/l	99
6) Chloroethane	1.72	64	88256	49.85	ug/l	99
7) Trichlorofluoromethane	1.93	101	231264	51.66	ug/l	100
8) Diethyl Ether	2.19	74	83365	50.42	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	131417	50.10	ug/l	99
10) Methyl Iodide	2.51	142	105174	42.06	ug/l	99
11) Tert butyl alcohol	3.09	59	157377	330.68	ug/l	98
12) 1,1-Dichloroethene	2.37	96	118950	49.04	ug/l	97
13) Acrolein	2.30	56	57609	382.48	ug/l	99
14) Allyl chloride	2.73	41	224289	51.10	ug/l	99
15) Acrylonitrile	3.16	53	358909	278.65	ug/l	99
16) Acetone	2.45	43	347930	292.80	ug/l	99
17) Carbon Disulfide	2.57	76	293106	42.40	ug/l	100
18) Methyl Acetate	2.78	43	232720	64.72	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	425314	52.16	ug/l	98
20) Methylene Chloride	2.86	84	159249	64.01	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	128846	47.72	ug/l	98
22) Diisopropyl ether	3.88	45	438493	51.60	ug/l	97
23) Vinyl Acetate	3.84	43	1783761	253.56	ug/l	100
24) 1,1-Dichloroethane	3.70	63	234355	49.17	ug/l	99
25) 2-Butanone	4.72	43	526929	284.06	ug/l	98
26) 2,2-Dichloropropane	4.59	77	187290	45.68	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	145747	48.46	ug/l	99
28) Bromochloromethane	5.03	49	111381	60.77	ug/l	98
29) Tetrahydrofuran	5.18	42	331341	282.66	ug/l	100
30) Chloroform	5.23	83	253862	51.43	ug/l	99
31) Cyclohexane	5.58	56	208003	46.75	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	227679	51.44	ug/l	99
36) 1,1-Dichloropropene	5.81	75	183954	46.20	ug/l	100
37) Ethyl Acetate	4.87	43	196077	53.69	ug/l	100
38) Carbon Tetrachloride	5.79	117	199651	49.52	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	216267	46.66	ug/l	98
40) Benzene	6.15	78	542217	48.98	ug/l	100
41) Methacrylonitrile	5.07	41	116388	51.03	ug/l	99
42) 1,2-Dichloroethane	6.21	62	212830	50.09	ug/l	99
43) Isopropyl Acetate	6.48	43	330847	52.80	ug/l	99
44) Trichloroethene	7.22	130	157683	46.63	ug/l	97
45) 1,2-Dichloropropane	7.52	63	141586	50.87	ug/l	98
46) Dibromomethane	7.67	93	96745	49.75	ug/l	99
47) Bromodichloromethane	7.91	83	185887	51.60	ug/l	98
48) Methyl methacrylate	7.79	41	177592	52.64	ug/l	98
49) 1,4-Dioxane	7.76	88	67624	1362.97	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1095427	287.92	ug/l	98
52) Toluene	8.79	92	354218	49.03	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	220609	51.20	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	206408	50.80	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	147271	51.28	ug/l	99
56) Ethyl methacrylate	9.19	69	220458	52.27	ug/l	97
57) 1,3-Dichloropropane	9.38	76	238638	50.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	545987	265.23	ug/l	99
59) 2-Hexanone	9.51	43	844367	289.95	ug/l	99
60) Dibromochloromethane	9.59	129	158715	52.62	ug/l	99
61) 1,2-Dibromoethane	9.68	107	156899	51.77	ug/l	99
64) Tetrachloroethene	9.34	164	167276	48.13	ug/l	99
65) Chlorobenzene	10.15	112	420054	48.20	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	156980	52.48	ug/l	99
67) Ethyl Benzene	10.26	91	706242	48.80	ug/l	100
68) m/p-Xylenes	10.37	106	556138	97.51	ug/l	98
69) o-Xylene	10.71	106	270211	49.14	ug/l	99
70) Styrene	10.72	104	452881	50.01	ug/l	100
71) Bromoform	10.87	173	132297	47.64	ug/l	99
73) Isopropylbenzene	11.02	105	735873	49.77	ug/l	99
74) N-amyl acetate	6.48	43	330847	52.31	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	227863	54.44	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	213023m	54.29	ug/l	
77) Bromobenzene	11.26	156	208398	48.56	ug/l	98
78) n-propylbenzene	11.37	91	830964	48.96	ug/l	100
79) 2-Chlorotoluene	11.43	91	494798	49.33	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	634199	50.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	58304	45.88	ug/l	95
82) 4-Chlorotoluene	11.52	91	591319	48.79	ug/l	99
83) tert-Butylbenzene	11.77	119	640889	50.69	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	649871	50.38	ug/l	100
85) sec-Butylbenzene	11.95	105	758862	50.28	ug/l	99
86) p-Isopropyltoluene	12.07	119	698345	50.02	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	384521	47.86	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	388036	47.05	ug/l	100
89) n-Butylbenzene	12.40	91	601393	48.41	ug/l	100
90) Hexachloroethane	12.60	117	105678	53.42	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	385917	49.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52845	60.27	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	303129	46.42	ug/l	100
94) Hexachlorobutadiene	13.79	225	153965	52.11	ug/l	99
95) Naphthalene	13.84	128	858956	53.49	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	308714	48.88	ug/l	100

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

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