

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022818\
 Data File : VX000160.D
 Acq On : 28 Feb 2018 11:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 3/1/2018 12:52:52 PM

Quant Time: Mar 01 06:37:44 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	136291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	224296	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	228576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	139563	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	93590	54.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.98%	
35) Dibromofluoromethane	5.51	113	73105	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
50) Toluene-d8	8.72	98	301062	53.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.82%	
62) 4-Bromofluorobenzene	11.15	95	122899	56.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59390	42.32	ug/l	99
3) Chloromethane	1.32	50	53695	39.01	ug/l	99
4) Vinyl Chloride	1.41	62	68416	44.62	ug/l	100
5) Bromomethane	1.64	94	74295	61.53	ug/l	100
6) Chloroethane	1.72	64	44307	43.03	ug/l	97
7) Trichlorofluoromethane	1.93	101	125008	45.59	ug/l	97
8) Diethyl Ether	2.19	74	43581	46.06	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	69965	45.66	ug/l	95
10) Methyl Iodide	2.51	142	55462	33.04	ug/l	96
11) Tert butyl alcohol	3.07	59	167981	256.11	ug/l	99
12) 1,1-Dichloroethene	2.38	96	60632	42.48	ug/l	95
13) Acrolein	2.29	56	13706	43.75	ug/l	95
14) Allyl chloride	2.73	41	114856	48.07	ug/l	96
15) Acrylonitrile	3.15	53	274314	244.90	ug/l	99
16) Acetone	2.45	43	392321	355.42	ug/l	98
17) Carbon Disulfide	2.57	76	141582	33.69	ug/l	98
18) Methyl Acetate	2.78	43	145675	56.28	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	241729	49.34	ug/l	99
20) Methylene Chloride	2.86	84	66951	47.58	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	66140	42.74	ug/l	94
22) Diisopropyl ether	3.88	45	228775	54.80	ug/l	97
23) Vinyl Acetate	3.83	43	1069386	275.64	ug/l	97
24) 1,1-Dichloroethane	3.70	63	123274	49.84	ug/l	98
25) 2-Butanone	4.71	43	437452	283.87	ug/l	98
26) 2,2-Dichloropropane	4.59	77	97944	45.55	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	67940	46.09	ug/l	99
28) Bromochloromethane	5.03	49	60542	54.59	ug/l	90
29) Tetrahydrofuran	5.17	42	257330	256.43	ug/l	97
30) Chloroform	5.22	83	128611	49.41	ug/l	98
31) Cyclohexane	5.59	56	96719	45.48	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	114694	47.88	ug/l	98
36) 1,1-Dichloropropene	5.81	75	92246	45.83	ug/l	97
37) Ethyl Acetate	4.87	43	134045	48.47	ug/l	97
38) Carbon Tetrachloride	5.79	117	95971	44.14	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	114205	47.13	ug/l	99
40) Benzene	6.15	78	267689	46.55	ug/l	100
41) Methacrylonitrile	5.07	41	70764	53.35	ug/l	99
42) 1,2-Dichloroethane	6.20	62	106882	50.65	ug/l	98
43) Isopropyl Acetate	6.48	43	204461	51.27	ug/l	98
44) Trichloroethene	7.22	130	79337	46.85	ug/l	97
45) 1,2-Dichloropropane	7.52	63	72977	51.78	ug/l	98
46) Dibromomethane	7.67	93	55296	50.28	ug/l	94
47) Bromodichloromethane	7.90	83	105741	52.05	ug/l	98
48) Methyl methacrylate	7.79	41	99989	51.15	ug/l	97
49) 1,4-Dioxane	7.77	88	51667	1008.04	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	801498	274.96	ug/l	97
52) Toluene	8.79	92	192365	50.07	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	120158	50.30	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	124433	52.46	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	80854	50.89	ug/l	97
56) Ethyl methacrylate	9.19	69	127632	52.35	ug/l	93
57) 1,3-Dichloropropane	9.38	76	131796	52.23	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	288116	233.79	ug/l	96
59) 2-Hexanone	9.51	43	712333	288.63	ug/l	98
60) Dibromochloromethane	9.59	129	91811	51.02	ug/l	99
61) 1,2-Dibromoethane	9.68	107	90431	51.29	ug/l	97
64) Tetrachloroethene	9.34	164	73207	43.98	ug/l	96
65) Chlorobenzene	10.15	112	233810	48.45	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	82051	48.59	ug/l	99
67) Ethyl Benzene	10.26	91	397936	49.12	ug/l	100
68) m/p-Xylenes	10.37	106	311156	97.00	ug/l	97
69) o-Xylene	10.71	106	152264	49.22	ug/l	97
70) Styrene	10.72	104	255341	50.48	ug/l	98
71) Bromoform	10.87	173	72321	47.16	ug/l #	100
73) Isopropylbenzene	11.02	105	415533	46.98	ug/l	99
74) N-amyl acetate	6.48	43	204461	45.76	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	149748	48.61	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	137620m	47.60	ug/l	
77) Bromobenzene	11.26	156	104796	43.72	ug/l	93
78) n-propylbenzene	11.37	91	494947	47.46	ug/l	99
79) 2-Chlorotoluene	11.43	91	279181	46.79	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	363639	48.63	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.09	75	48378	47.66	ug/l	94
82) 4-Chlorotoluene	11.52	91	348351	48.26	ug/l	96
83) tert-Butylbenzene	11.78	119	364299	48.24	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	372075	47.92	ug/l	100
85) sec-Butylbenzene	11.96	105	457642	48.80	ug/l	99
86) p-Isopropyltoluene	12.07	119	412214	49.19	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	209374	45.53	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	219777	46.25	ug/l	99
89) n-Butylbenzene	12.40	91	386505	48.91	ug/l	98
90) Hexachloroethane	12.60	117	66460	48.71	ug/l	91
91) 1,2-Dichlorobenzene	12.40	146	207758	45.90	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	45368	53.06	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	151616	44.65	ug/l	99
94) Hexachlorobutadiene	13.79	225	63481	42.84	ug/l	99
95) Naphthalene	13.84	128	548538	47.64	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	148903	44.42	ug/l	99

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

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