

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004885.D
 Acq On : 01 Oct 2018 22:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/4/2018 7:07:54 PM

Quant Time: Oct 02 05:17:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	215804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	324953	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194170	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	157603	51.12	ug/l	0.00
Spiked Amount			Recovery	=	102.24%	
35) Dibromofluoromethane	5.51	113	128927	46.81	ug/l	0.00
Spiked Amount			Recovery	=	93.62%	
50) Toluene-d8	8.72	98	482503	52.70	ug/l	0.00
Spiked Amount			Recovery	=	105.40%	
62) 4-Bromofluorobenzene	11.14	95	179150	54.31	ug/l	0.00
Spiked Amount			Recovery	=	108.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	171152	58.167	ug/l	98
3) Chloromethane	1.32	50	186839	52.338	ug/l	99
4) Vinyl Chloride	1.40	62	184188	55.011	ug/l	98
5) Bromomethane	1.64	94	142425	71.735	ug/l	99
6) Chloroethane	1.71	64	109839	60.694	ug/l	99
7) Trichlorofluoromethane	1.92	101	236909	57.155	ug/l	96
8) Diethyl Ether	2.19	74	94489	52.473	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.38	101	130893	55.437	ug/l	98
10) Methyl Iodide	2.51	142	133532	42.263	ug/l	98
11) Tert butyl alcohol	3.08	59	237082	275.047	ug/l	99
12) 1,1-Dichloroethene	2.37	96	125363	53.612	ug/l	93
13) Acrolein	2.29	56	99827	162.774	ug/l	96
14) Allyl chloride	2.72	41	284907	55.842	ug/l	95
15) Acrylonitrile	3.15	53	530207	279.421	ug/l	99
16) Acetone	2.45	43	467861	259.955	ug/l	96
17) Carbon Disulfide	2.56	76	355491	50.594	ug/l	98
18) Methyl Acetate	2.78	43	278291	61.030	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	463930	57.519	ug/l	97
20) Methylene Chloride	2.85	84	146641	56.141	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	134865	52.688	ug/l	95
22) Diisopropyl ether	3.87	45	480399	55.917	ug/l	95
23) Vinyl Acetate	3.82	43	2131685	271.064	ug/l	96
24) 1,1-Dichloroethane	3.69	63	259893	50.713	ug/l	99
25) 2-Butanone	4.71	43	712722	268.655	ug/l	94
26) 2,2-Dichloropropane	4.58	77	171081	47.939	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	146251	51.145	ug/l	96
28) Bromochloromethane	5.02	49	121632	50.400	ug/l	90
29) Tetrahydrofuran	5.16	42	469830	284.938	ug/l	91
30) Chloroform	5.21	83	254694	52.585	ug/l	96
31) Cyclohexane	5.57	56	223845	57.069	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	215775	54.550	ug/l	100
36) 1,1-Dichloropropene	5.79	75	186682	49.682	ug/l	99
37) Ethyl Acetate	4.86	43	247630	49.648	ug/l	98
38) Carbon Tetrachloride	5.78	117	187856	47.561	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	215325	56.121	ug/l	97
40) Benzene	6.14	78	567067	48.205	ug/l	99
41) Methacrylonitrile	5.06	41	140712	50.871	ug/l	96
42) 1,2-Dichloroethane	6.20	62	203558	48.949	ug/l	97
43) Isopropyl Acetate	6.46	43	370483	51.463	ug/l	96
44) Trichloroethene	7.21	130	148357	51.302	ug/l	94
45) 1,2-Dichloropropane	7.52	63	155783	54.001	ug/l	99
46) Dibromomethane	7.66	93	98303	54.222	ug/l	97
47) Bromodichloromethane	7.90	83	189178	55.733	ug/l	99
48) Methyl methacrylate	7.78	41	198582	60.774	ug/l	94
49) 1,4-Dioxane	7.76	88	90818	1118.750	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1348025	297.391	ug/l	96
52) Toluene	8.79	92	355095	54.935	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	208852	54.448	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	228507	56.875	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	149750	52.889	ug/l	97
56) Ethyl methacrylate	9.18	69	234119	50.901	ug/l	94
57) 1,3-Dichloropropane	9.37	76	250369	53.130	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	653084	266.687	ug/l	94
59) 2-Hexanone	9.50	43	1076318	284.944	ug/l	93
60) Dibromochloromethane	9.59	129	155626	54.960	ug/l	99
61) 1,2-Dibromoethane	9.67	107	154816	51.056	ug/l	99
64) Tetrachloroethene	9.34	164	148612	48.552	ug/l	98
65) Chlorobenzene	10.14	112	393896	49.392	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	145406	51.864	ug/l	99
67) Ethyl Benzene	10.26	91	674796	53.297	ug/l	98
68) m/p-Xylenes	10.36	106	525179	106.148	ug/l	95
69) o-Xylene	10.70	106	252972	55.667	ug/l	96
70) Styrene	10.71	104	432080	50.801	ug/l	97
71) Bromoform	10.86	173	128320	53.461	ug/l	100
73) Isopropylbenzene	11.02	105	679795	55.544	ug/l	99
74) N-amyl acetate	10.90	43	335112	49.823	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	249072	49.994	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	227106m	52.184	ug/l	
77) Bromobenzene	11.26	156	182727	51.402	ug/l	97
78) n-propylbenzene	11.36	91	780985	55.616	ug/l	100
79) 2-Chlorotoluene	11.42	91	474953	54.262	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	581484	51.845	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	71306	44.898	ug/l	98
82) 4-Chlorotoluene	11.51	91	559394	54.296	ug/l	99
83) tert-Butylbenzene	11.77	119	566195	56.189	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	602167	52.062	ug/l	98
85) sec-Butylbenzene	11.94	105	682697	55.623	ug/l	98
86) p-Isopropyltoluene	12.07	119	618585	55.628	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	337929	50.909	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	344593	50.289	ug/l	99
89) n-Butylbenzene	12.39	91	551977	54.656	ug/l	97
90) Hexachloroethane	12.60	117	99470	53.726	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	344623	49.679	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	59324	54.232	ug/l	95

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	253807	52.158	ug/l	99
94) Hexachlorobutadiene	13.79	225	123501	48.943	ug/l	97
95) Naphthalene	13.83	128	826059	51.129	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	262385	52.197	ug/l	100

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

