

Data File : VX008766.D
Acq On : 09 Apr 2019 13:00
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
4/10/2019 10:05:07 AM

Quant Time: Apr 09 16:48:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	182320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	298346	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123224	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	124114	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
35) Dibromofluoromethane	5.49	113	92689	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	8.71	98	360473	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
62) 4-Bromofluorobenzene	11.13	95	127191	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	92986	44.307	ug/l	100
3) Chloromethane	1.32	50	116670	45.199	ug/l	100
4) Vinyl Chloride	1.41	62	124617	43.926	ug/l	99
5) Bromomethane	1.64	94	63974	45.935	ug/l	100
6) Chloroethane	1.71	64	74790	48.160	ug/l	99
7) Trichlorofluoromethane	1.92	101	151848	48.420	ug/l	99
8) Diethyl Ether	2.18	74	70050	47.102	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	101749	50.393	ug/l	99
10) Methyl Iodide	2.50	142	94320	51.188	ug/l	99
11) Tert butyl alcohol	3.06	59	149296	239.809	ug/l	99
12) 1,1-Dichloroethene	2.37	96	98429	46.698	ug/l	99
13) Acrolein	2.29	56	85555	277.147	ug/l	100
14) Allyl chloride	2.72	41	234515	48.602	ug/l	99
15) Acrylonitrile	3.14	53	389977	236.454	ug/l	99
16) Acetone	2.45	43	369407	241.183	ug/l	100
17) Carbon Disulfide	2.56	76	275173	45.137	ug/l	100
18) Methyl Acetate	2.78	43	182497	49.129	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	376299	49.991	ug/l	100
20) Methylene Chloride	2.85	84	113349	44.211	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	106367	46.654	ug/l	97
22) Diisopropyl ether	3.85	45	453861	48.801	ug/l	97
23) Vinyl Acetate	3.81	43	2018688	249.511	ug/l	100
24) 1,1-Dichloroethane	3.69	63	224812	48.823	ug/l	99
25) 2-Butanone	4.67	43	588683	243.176	ug/l	99
26) 2,2-Dichloropropane	4.58	77	165676	51.085	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	125617	47.922	ug/l	99
28) Bromochloromethane	5.01	49	105627	55.232	ug/l	100
29) Tetrahydrofuran	5.13	42	382897	238.306	ug/l	100
30) Chloroform	5.21	83	201108	48.899	ug/l	98
31) Cyclohexane	5.57	56	217641	47.369	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	165333	49.747	ug/l	100
36) 1,1-Dichloropropene	5.79	75	159460	48.896	ug/l	100
37) Ethyl Acetate	4.83	43	219360	50.392	ug/l	100
38) Carbon Tetrachloride	5.78	117	138359	51.259	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	201277	49.961	ug/l	99
40) Benzene	6.14	78	475520	48.944	ug/l	100
41) Methacrylonitrile	5.04	41	125307	50.079	ug/l	99
42) 1,2-Dichloroethane	6.19	62	169993	48.806	ug/l	99
43) Isopropyl Acetate	6.45	43	344243	50.482	ug/l	100
44) Trichloroethene	7.21	130	112725	49.816	ug/l	100
45) 1,2-Dichloropropane	7.51	63	136383	49.181	ug/l	100
46) Dibromomethane	7.66	93	77474	48.171	ug/l	99
47) Bromodichloromethane	7.90	83	156415	51.580	ug/l	98
48) Methyl methacrylate	7.77	41	172884	50.120	ug/l	99
49) 1,4-Dioxane	7.74	88	61830	956.862	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1092574	248.896	ug/l	100
52) Toluene	8.78	92	281219	49.097	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	180163	53.037	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	201701	51.965	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	115351	50.170	ug/l	98
56) Ethyl methacrylate	9.18	69	208963	50.232	ug/l	99
57) 1,3-Dichloropropane	9.37	76	204247	49.472	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	574460	270.440	ug/l	100
59) 2-Hexanone	9.49	43	847218	248.347	ug/l	100
60) Dibromochloromethane	9.58	129	113345	52.315	ug/l	99
61) 1,2-Dibromoethane	9.67	107	117732	49.187	ug/l	99
64) Tetrachloroethene	9.34	164	99017	51.909	ug/l	98
65) Chlorobenzene	10.13	112	284239	49.805	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	104960	52.424	ug/l	99
67) Ethyl Benzene	10.25	91	534228	50.201	ug/l	98
68) m/p-Xylenes	10.36	106	388302	101.483	ug/l	98
69) o-Xylene	10.69	106	187007	50.432	ug/l	99
70) Styrene	10.71	104	329793	51.596	ug/l	99
71) Bromoform	10.85	173	81642	53.391	ug/l #	99
73) Isopropylbenzene	11.02	105	504846	49.437	ug/l	100
74) N-amyl acetate	10.90	43	293564	48.861	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	182383	46.960	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	156546m	46.246	ug/l	
77) Bromobenzene	11.26	156	118409	48.233	ug/l	100
78) n-propylbenzene	11.36	91	595597	50.090	ug/l	100
79) 2-Chlorotoluene	11.42	91	346675	48.179	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	433126	50.528	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	64200	52.279	ug/l	99
82) 4-Chlorotoluene	11.51	91	402397	48.312	ug/l	98
83) tert-Butylbenzene	11.77	119	405925	49.221	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	434623	50.073	ug/l	100
85) sec-Butylbenzene	11.94	105	495031	50.534	ug/l	99
86) p-Isopropyltoluene	12.06	119	452228	51.435	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	216025	49.153	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	215831	48.497	ug/l	99
89) n-Butylbenzene	12.38	91	432961	52.509	ug/l	100
90) Hexachloroethane	12.60	117	75167	51.545	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	212737	48.752	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41979	49.135	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040919\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	156129	51.460	ug/l	99
94) Hexachlorobutadiene	13.78	225	77802	53.470	ug/l	99
95) Naphthalene	13.83	128	516767	50.962	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	155872	51.420	ug/l	99

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

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