

Data File : VX011619.D
Acq On : 19 Aug 2019 09:47
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
8/20/2019 3:41:11 PM

Quant Time: Aug 20 10:08:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	390092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	516706	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	464190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	263931	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	157721	43.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.20%	
35) Dibromofluoromethane	5.49	113	149152	44.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.26%	
50) Toluene-d8	8.71	98	482531	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	
62) 4-Bromofluorobenzene	11.13	95	203071	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	207209	54.040	ug/l	99
3) Chloromethane	1.32	50	168428	42.292	ug/l	99
4) Vinyl Chloride	1.40	62	172422	47.928	ug/l	99
5) Bromomethane	1.63	94	78739	48.846	ug/l	94
6) Chloroethane	1.71	64	83721	49.171	ug/l	98
7) Trichlorofluoromethane	1.92	101	252318	50.636	ug/l	96
8) Diethyl Ether	2.18	74	82882	48.488	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	160953	46.765	ug/l	97
10) Methyl Iodide	2.50	142	222294	45.339	ug/l	100
11) Tert butyl alcohol	3.04	59	206348	232.505	ug/l	99
12) 1,1-Dichloroethene	2.36	96	148108	44.528	ug/l	98
13) Acrolein	2.28	56	49994	186.336	ug/l	96
14) Allyl chloride	2.71	41	273422	49.416	ug/l	99
15) Acrylonitrile	3.13	53	474037	233.376	ug/l	100
16) Acetone	2.43	43	461563	253.747	ug/l	98
17) Carbon Disulfide	2.56	76	378476	48.290	ug/l	100
18) Methyl Acetate	2.76	43	271879	48.194	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	539379	49.791	ug/l	98
20) Methylene Chloride	2.85	84	175094	45.845	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	168139	47.703	ug/l	98
22) Diisopropyl ether	3.84	45	534276	48.487	ug/l	96
23) Vinyl Acetate	3.81	43	2182394	250.113	ug/l	100
24) 1,1-Dichloroethane	3.68	63	295891	47.495	ug/l	98
25) 2-Butanone	4.66	43	675174	236.433	ug/l	98
26) 2,2-Dichloropropane	4.57	77	255000	54.383	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	196766	47.887	ug/l	98
28) Bromochloromethane	5.00	49	122915	44.944	ug/l	99
29) Tetrahydrofuran	5.12	42	433752	231.553	ug/l	100
30) Chloroform	5.20	83	313299	47.651	ug/l	100
31) Cyclohexane	5.57	56	266295	49.645	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	282976	50.054	ug/l	99
36) 1,1-Dichloropropene	5.79	75	230022	52.067	ug/l	100
37) Ethyl Acetate	4.82	43	248739	48.952	ug/l	100
38) Carbon Tetrachloride	5.77	117	256615	52.723	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	289165	53.003	ug/l	97
40) Benzene	6.13	78	683613	49.795	ug/l	98
41) Methacrylonitrile	5.03	41	140312	50.173	ug/l	99
42) 1,2-Dichloroethane	6.18	62	242422	50.967	ug/l	100
43) Isopropyl Acetate	6.43	43	398205	50.215	ug/l	100
44) Trichloroethene	7.21	130	207735	51.008	ug/l	99
45) 1,2-Dichloropropane	7.51	63	174085	50.846	ug/l	98
46) Dibromomethane	7.65	93	120974	48.622	ug/l	99
47) Bromodichloromethane	7.89	83	238593	52.228	ug/l	99
48) Methyl methacrylate	7.76	41	202954	51.682	ug/l	100
49) 1,4-Dioxane	7.73	88	99044	948.248	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1291261	248.775	ug/l	100
52) Toluene	8.78	92	442944	50.644	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	262981	55.467	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	288210	55.546	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	182796	49.147	ug/l	99
56) Ethyl methacrylate	9.17	69	284934	52.708	ug/l	100
57) 1,3-Dichloropropane	9.37	76	294631	49.834	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	682294	253.306	ug/l	99
59) 2-Hexanone	9.49	43	1005891	251.306	ug/l	99
60) Dibromochloromethane	9.58	129	215391	55.582	ug/l	99
61) 1,2-Dibromoethane	9.66	107	201453	50.750	ug/l	99
64) Tetrachloroethene	9.33	164	203051	53.314	ug/l	99
65) Chlorobenzene	10.13	112	502422	50.746	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	198774	53.715	ug/l	99
67) Ethyl Benzene	10.25	91	865152	52.359	ug/l	100
68) m/p-Xylenes	10.35	106	670964	105.788	ug/l	98
69) o-Xylene	10.69	106	324985	52.309	ug/l	99
70) Styrene	10.71	104	554721	53.039	ug/l	99
71) Bromoform	10.85	173	177164	49.314	ug/l #	99
73) Isopropylbenzene	11.02	105	880223	51.397	ug/l	100
74) N-amyl acetate	10.89	43	350832	48.204	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	282752	47.994	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	252059m	50.364	ug/l	
77) Bromobenzene	11.25	156	254967	50.039	ug/l	99
78) n-propylbenzene	11.36	91	981170	53.131	ug/l	100
79) 2-Chlorotoluene	11.41	91	578261	50.994	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	755279	52.499	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	92227	49.927	ug/l	96
82) 4-Chlorotoluene	11.51	91	680491	51.725	ug/l	100
83) tert-Butylbenzene	11.77	119	759804	51.855	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	764816	52.954	ug/l	100
85) sec-Butylbenzene	11.94	105	875516	52.961	ug/l	100
86) p-Isopropyltoluene	12.06	119	842098	54.146	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	450628	51.453	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	451021	50.810	ug/l	99
89) n-Butylbenzene	12.38	91	713076	55.770	ug/l	100
90) Hexachloroethane	12.59	117	134302	54.685	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	442207	50.298	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	65679	48.729	ug/l	99

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Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	321266	49.043	ug/l	99
94) Hexachlorobutadiene	13.78	225	181137	50.782	ug/l	98
95) Naphthalene	13.83	128	942569	50.898	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	329355	49.848	ug/l	99

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

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