Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060819\
Data File : VX010137.D
Acq On : 08 Jun 2019 14:38
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
6/10/2019 9:43:40 AM

Quant Time: Jun 10 08:12:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.66	168	310575	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	451936	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	415873	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220879	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	140915	46.48	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.96%				
35) Dibromofluoromethane	5.49	113	139541	50.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.12%				
50) Toluene-d8	8.71	98	525569	50.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.60%				
62) 4-Bromofluorobenzene	11.13	95	204304	52.36	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.72%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	147104	51.476	ug/l		97
3) Chloromethane	1.32	50	139025	48.986	ug/l		99
4) Vinyl Chloride	1.41	62	134989	50.607	ug/l		99
5) Bromomethane	1.64	94	51994	51.656	ug/l		99
6) Chloroethane	1.71	64	73112	54.365	ug/l		98
7) Trichlorofluoromethane	1.92	101	207578	52.390	ug/l		98
8) Diethyl Ether	2.18	74	69351	50.783	ug/l		75
9) 1,1,2-Trichlorotrifluoroet	2.38	101	129901	47.562	ug/l		91
10) Methyl Iodide	2.51	142	204416	48.306	ug/l		96
11) Tert butyl alcohol	3.04	59	170865	230.075	ug/l		99
12) 1,1-Dichloroethene	2.37	96	128937	46.220	ug/l	#	80
13) Acrolein	2.29	56	36674	270.827	ug/l		100
14) Allyl chloride	2.72	41	191879	45.567	ug/l	#	88
15) Acrylonitrile	3.14	53	345834	227.828	ug/l		98
16) Acetone	2.44	43	345930	242.610	ug/l		89
17) Carbon Disulfide	2.56	76	359721	44.628	ug/l		99
18) Methyl Acetate	2.77	43	138036	44.020	ug/l	#	83
19) Methyl tert-butyl Ether	3.19	73	407761	45.498	ug/l		94
20) Methylene Chloride	2.85	84	142841	45.615	ug/l	#	76
21) trans-1,2-Dichloroethene	3.16	96	139630	45.229	ug/l	#	78
22) Diisopropyl ether	3.85	45	381044	47.329	ug/l	#	82
23) Vinyl Acetate	3.81	43	1708233	237.839	ug/l	#	88
24) 1,1-Dichloroethane	3.70	63	224248	45.875	ug/l		95
25) 2-Butanone	4.67	43	503603	237.185	ug/l	#	83
26) 2,2-Dichloropropane	4.58	77	206755	46.364	ug/l		93
27) cis-1,2-Dichloroethene	4.59	96	160442	46.716	ug/l		79
28) Bromochloromethane	5.01	49	97562	44.534	ug/l	#	47
29) Tetrahydrofuran	5.12	42	301831	226.198	ug/l	#	75
30) Chloroform	5.21	83	237711	46.825	ug/l		100
31) Cyclohexane	5.57	56	212520	48.173	ug/l	#	78
32) 1,1,1-Trichloroethane	5.49	97	215418	45.137	ug/l		93
36) 1,1-Dichloropropene	5.79	75	177272	48.079	ug/l		92
37) Ethyl Acetate	4.83	43	178658	46.570	ug/l	#	91
38) Carbon Tetrachloride	5.78	117	199843	47.885	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	247585	49.313	ug/l	#	83
40) Benzene	6.13	78	556906	48.846	ug/l		98
41) Methacrylonitrile	5.04	41	98100	47.272	ug/l	#	84
42) 1,2-Dichloroethane	6.19	62	171857	47.215	ug/l		93
43) Isopropyl Acetate	6.44	43	301308	46.974	ug/l	#	89
44) Trichloroethene	7.21	130	167332	48.690	ug/l		89
45) 1,2-Dichloropropane	7.51	63	137948	48.341	ug/l		98
46) Dibromomethane	7.66	93	98989	46.302	ug/l		90
47) Bromodichloromethane	7.90	83	190348	47.648	ug/l	#	99
48) Methyl methacrylate	7.76	41	143501	47.837	ug/l	#	78
49) 1,4-Dioxane	7.74	88	80607	942.468	ug/l	#	79
51) 4-Methyl-2-Pentanone	8.64	43	937834	244.743	ug/l		89
52) Toluene	8.78	92	361592	48.247	ug/l		100
53) t-1,3-Dichloropropene	9.04	75	224367	48.557	ug/l		98
54) cis-1,3-Dichloropropene	8.43	75	236099	47.662	ug/l		90
55) 1,1,2-Trichloroethane	9.21	97	148868	48.502	ug/l		97
56) Ethyl methacrylate	9.18	69	238112	49.110	ug/l	#	83
57) 1,3-Dichloropropane	9.37	76	232609	48.137	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.30	63	562552	246.118	ug/l	#	86
59) 2-Hexanone	9.49	43	767371	251.167	ug/l		87
60) Dibromochloromethane	9.58	129	180526	49.725	ug/l		99
61) 1,2-Dibromoethane	9.67	107	164273	48.055	ug/l		100
64) Tetrachloroethene	9.34	164	147672	47.809	ug/l		97
65) Chlorobenzene	10.13	112	414505	48.292	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.22	131	159449	48.306	ug/l		100
67) Ethyl Benzene	10.25	91	714655	48.910	ug/l		95
68) m/p-Xylenes	10.35	106	563569	99.671	ug/l		90
69) o-Xylene	10.69	106	274837	48.898	ug/l		89
70) Styrene	10.71	104	472737	49.660	ug/l		96
71) Bromoform	10.85	173	150605	49.632	ug/l	#	97
73) Isopropylbenzene	11.02	105	725727	47.068	ug/l		95
74) N-amyl acetate	10.90	43	284897	46.743	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	240576	45.581	ug/l		99
76) 1,2,3-Trichloropropane	11.29	75	200839m	45.459	ug/l		
77) Bromobenzene	11.25	156	201307	47.477	ug/l		82
78) n-propylbenzene	11.36	91	824144	48.012	ug/l		94
79) 2-Chlorotoluene	11.42	91	483994	46.946	ug/l		92
80) 1,3,5-Trimethylbenzene	11.51	105	615972	47.431	ug/l		97
81) trans-1,4-Dichloro-2-buten	11.07	75	94124	47.071	ug/l	#	83
82) 4-Chlorotoluene	11.51	91	563627	48.127	ug/l		93
83) tert-Butylbenzene	11.77	119	625455	47.583	ug/l		94
84) 1,2,4-Trimethylbenzene	11.80	105	621345	47.367	ug/l		95
85) sec-Butylbenzene	11.94	105	730407	47.696	ug/l		96
86) p-Isopropyltoluene	12.06	119	685621	48.974	ug/l		97
87) 1,3-Dichlorobenzene	12.02	146	357316	47.843	ug/l		98
88) 1,4-Dichlorobenzene	12.10	146	352240	46.786	ug/l		98
89) n-Butylbenzene	12.38	91	605557	50.251	ug/l		97
90) Hexachloroethane	12.59	117	133681	47.935	ug/l		98
91) 1,2-Dichlorobenzene	12.39	146	347900	47.915	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	53698	43.235	ug/l		69

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	256395	48.241	ug/l	100
94) Hexachlorobutadiene	13.78	225	113541	48.036	ug/l	98
95) Naphthalene	13.83	128	769608	46.000	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	249903	47.555	ug/l	100

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

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