Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061819\
Data File : VX010332.D
Acq On : 18 Jun 2019 10:28
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
6/20/2019 8:58:22 AM

Quant Time: Jun 19 01:24:00 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	318032	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	463715	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	421840	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220834	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	154357	49.72	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.44%				
35) Dibromofluoromethane	5.49	113	154569	54.04	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.08%				
50) Toluene-d8	8.71	98	579252	54.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.06%				
62) 4-Bromofluorobenzene	11.13	95	217787	54.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	150547	51.445	ug/l		99
3) Chloromethane	1.32	50	137687	47.377	ug/l		99
4) Vinyl Chloride	1.41	62	148432	54.342	ug/l		100
5) Bromomethane	1.64	94	63428	61.538	ug/l		100
6) Chloroethane	1.71	64	87171	63.299	ug/l		100
7) Trichlorofluoromethane	1.92	101	244760	60.325	ug/l		100
8) Diethyl Ether	2.18	74	84408	60.359	ug/l		78
9) 1,1,2-Trichlorotrifluoroet	2.38	101	150905	53.956	ug/l		92
10) Methyl Iodide	2.51	142	203505	46.963	ug/l		98
11) Tert butyl alcohol	3.05	59	192834	253.568	ug/l		99
12) 1,1-Dichloroethene	2.37	96	142574	49.910	ug/l	#	79
13) Acrolein	2.29	56	33170	239.207	ug/l		99
14) Allyl chloride	2.72	41	212979	49.392	ug/l	#	87
15) Acrylonitrile	3.14	53	407343	262.057	ug/l		99
16) Acetone	2.44	43	398292	272.783	ug/l	#	89
17) Carbon Disulfide	2.57	76	342117	41.449	ug/l		98
18) Methyl Acetate	2.77	43	177615	55.313	ug/l	#	83
19) Methyl tert-butyl Ether	3.19	73	477087	51.985	ug/l		93
20) Methylene Chloride	2.85	84	161736	50.438	ug/l	#	78
21) trans-1,2-Dichloroethene	3.16	96	150770	47.692	ug/l	#	80
22) Diisopropyl ether	3.85	45	445123	53.992	ug/l	#	82
23) Vinyl Acetate	3.81	43	1933743	262.924	ug/l	#	88
24) 1,1-Dichloroethane	3.69	63	253898	50.723	ug/l		95
25) 2-Butanone	4.67	43	586485	269.744	ug/l	#	83
26) 2,2-Dichloropropane	4.57	77	230911	50.566	ug/l		94
27) cis-1,2-Dichloroethene	4.59	96	181374	51.573	ug/l		78
28) Bromochloromethane	5.01	49	107356	47.855	ug/l	#	50
29) Tetrahydrofuran	5.12	42	349179	255.546	ug/l	#	76
30) Chloroform	5.21	83	270146	51.967	ug/l		100
31) Cyclohexane	5.57	56	228289	50.534	ug/l	#	75
32) 1,1,1-Trichloroethane	5.49	97	246401	50.419	ug/l		94
36) 1,1-Dichloropropene	5.79	75	193862	51.243	ug/l		93
37) Ethyl Acetate	4.83	43	206114	52.362	ug/l	#	92
38) Carbon Tetrachloride	5.78	117	220989	51.607	ug/l		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	263116	51.075	ug/l	#	84
40) Benzene	6.14	78	623870	53.329	ug/l		99
41) Methacrylonitrile	5.04	41	112871	53.009	ug/l	#	85
42) 1,2-Dichloroethane	6.19	62	194414	52.056	ug/l		93
43) Isopropyl Acetate	6.44	43	349036	53.033	ug/l	#	90
44) Trichloroethene	7.21	130	187736	53.240	ug/l		87
45) 1,2-Dichloropropane	7.51	63	158803	54.236	ug/l		98
46) Dibromomethane	7.66	93	114061	51.997	ug/l		91
47) Bromodichloromethane	7.90	83	219610	53.577	ug/l	#	98
48) Methyl methacrylate	7.76	41	165970	53.922	ug/l	#	78
49) 1,4-Dioxane	7.74	88	88262	1005.758	ug/l	#	80
51) 4-Methyl-2-Pentanone	8.64	43	1111714	282.751	ug/l		90
52) Toluene	8.78	92	408335	53.100	ug/l		100
53) t-1,3-Dichloropropene	9.04	75	248228	52.356	ug/l		99
54) cis-1,3-Dichloropropene	8.43	75	268364	52.799	ug/l	#	88
55) 1,1,2-Trichloroethane	9.21	97	174529	55.418	ug/l		97
56) Ethyl methacrylate	9.18	69	271660	54.606	ug/l	#	83
57) 1,3-Dichloropropane	9.37	76	268931	54.240	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.30	63	557681	237.789	ug/l	#	87
59) 2-Hexanone	9.49	43	877122	279.797	ug/l		88
60) Dibromochloromethane	9.58	129	203033	54.504	ug/l		99
61) 1,2-Dibromoethane	9.67	107	187093	53.340	ug/l		99
64) Tetrachloroethene	9.34	164	178561	56.992	ug/l		96
65) Chlorobenzene	10.13	112	475236	54.584	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.22	131	181880	54.322	ug/l		99
67) Ethyl Benzene	10.25	91	808877	54.575	ug/l		95
68) m/p-Xylenes	10.35	106	631732	110.145	ug/l		90
69) o-Xylene	10.69	106	309282	54.247	ug/l		89
70) Styrene	10.71	104	532897	55.188	ug/l		95
71) Bromoform	10.85	173	165888	53.895	ug/l		98
73) Isopropylbenzene	11.02	105	822591	53.361	ug/l		95
74) N-amyl acetate	10.90	43	317991	52.183	ug/l	#	90
75) 1,1,2,2-Tetrachloroethane	11.27	83	268834	50.945	ug/l		98
76) 1,2,3-Trichloropropane	11.29	75	226337m	51.241	ug/l		
77) Bromobenzene	11.26	156	227620	53.694	ug/l		80
78) n-propylbenzene	11.36	91	936778	54.584	ug/l		95
79) 2-Chlorotoluene	11.42	91	541984	52.582	ug/l		91
80) 1,3,5-Trimethylbenzene	11.51	105	691868	53.286	ug/l		97
81) trans-1,4-Dichloro-2-buten	11.07	75	98759	49.399	ug/l		86
82) 4-Chlorotoluene	11.51	91	625966	53.460	ug/l		92
83) tert-Butylbenzene	11.77	119	697211	53.053	ug/l		95
84) 1,2,4-Trimethylbenzene	11.80	105	703934	53.673	ug/l		96
85) sec-Butylbenzene	11.94	105	832800	54.394	ug/l		96
86) p-Isopropyltoluene	12.06	119	773383	55.254	ug/l		97
87) 1,3-Dichlorobenzene	12.02	146	406509	54.440	ug/l		98
88) 1,4-Dichlorobenzene	12.10	146	398532	52.945	ug/l		98
89) n-Butylbenzene	12.38	91	681387	56.555	ug/l		98
90) Hexachloroethane	12.60	117	143389	51.427	ug/l		99
91) 1,2-Dichlorobenzene	12.39	146	392231	54.031	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	57607	46.392	ug/l		66

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	292106	54.971	ug/l	99
94) Hexachlorobutadiene	13.78	225	141207	59.752	ug/l	100
95) Naphthalene	13.83	128	885590	52.943	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	288368	54.886	ug/l	99

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

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