Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062719\
Data File : VX010499.D
Acq On : 27 Jun 2019 19:13
Operator : JC/SP
Sample : K3565-04MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0570MS

Manual Integrations APPROVED
MMDadoda
6/28/2019 10:38:25 AM

Quant Time: Jun 28 07:49:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	245824	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	369018	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	335925	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176326	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	113848	49.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.80%				
35) Dibromofluoromethane	5.49	113	114388	50.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.32%				
50) Toluene-d8	8.71	98	429445	49.72	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.44%				
62) 4-Bromofluorobenzene	11.13	95	158011	50.67	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.34%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	74183	43.406	ug/l		99
3) Chloromethane	1.32	50	88439	44.440	ug/l		98
4) Vinyl Chloride	1.41	62	97629	44.790	ug/l		100
5) Bromomethane	1.64	94	50204	47.277	ug/l		98
6) Chloroethane	1.71	64	61415	47.757	ug/l		99
7) Trichlorofluoromethane	1.93	101	170660	49.390	ug/l		96
8) Diethyl Ether	2.19	74	62287	50.266	ug/l		100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	95830	45.765	ug/l		99
10) Methyl Iodide	2.51	142	150108	50.230	ug/l		99
11) Tert butyl alcohol	3.05	59	130289	216.031	ug/l		99
12) 1,1-Dichloroethene	2.37	96	101107	47.451	ug/l		96
13) Acrolein	2.29	56	76694	191.695	ug/l		95
14) Allyl chloride	2.73	41	143896	47.568	ug/l		99
15) Acrylonitrile	3.14	53	312942	262.079	ug/l		98
16) Acetone	2.45	43	237115	205.273	ug/l		100
17) Carbon Disulfide	2.57	76	235191	41.142	ug/l		99
18) Methyl Acetate	2.78	43	107903	46.869	ug/l		99
19) Methyl tert-butyl Ether	3.20	73	333742	49.789	ug/l	#	39
20) Methylene Chloride	2.85	84	116363	48.950	ug/l		98
21) trans-1,2-Dichloroethene	3.17	96	106744	46.580	ug/l		98
22) Diisopropyl ether	3.86	45	312821	49.460	ug/l	#	87
23) Vinyl Acetate	3.82	43	1273014	232.988	ug/l		100
24) 1,1-Dichloroethane	3.70	63	179263	49.034	ug/l		99
25) 2-Butanone	4.67	43	402236	237.390	ug/l		99
26) 2,2-Dichloropropane	4.58	77	130009	40.937	ug/l		99
27) cis-1,2-Dichloroethene	4.60	96	127971	48.324	ug/l		99
28) Bromochloromethane	5.01	49	83666	47.865	ug/l		98
29) Tetrahydrofuran	5.13	42	266108	253.550	ug/l		99
30) Chloroform	5.21	83	194544	49.458	ug/l		97
31) Cyclohexane	5.58	56	449136	134.908	ug/l		99
32) 1,1,1-Trichloroethane	5.49	97	171424	49.355	ug/l		100
36) 1,1-Dichloropropene	5.80	75	139287	47.499	ug/l		98
37) Ethyl Acetate	4.84	43	139643	46.289	ug/l		99
38) Carbon Tetrachloride	5.78	117	152423	48.001	ug/l		92

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	7.46	83	411494	106.754 ug/l	96
40) Benzene	6.15	78	2347778	256.984 ug/l	99
41) Methacrylonitrile	5.04	41	82849	50.053 ug/l	99
42) 1,2-Dichloroethane	6.20	62	158965	57.162 ug/l	97
43) Isopropyl Acetate	6.45	43	245996	49.286 ug/l	98
44) Trichloroethene	7.21	130	130728	47.821 ug/l	95
45) 1,2-Dichloropropane	7.51	63	115672	50.138 ug/l	100
46) Dibromomethane	7.66	93	81913	49.486 ug/l	99
47) Bromodichloromethane	7.90	83	150224	49.522 ug/l	99
48) Methyl methacrylate	7.77	41	129508	55.823 ug/l	95
49) 1,4-Dioxane	7.74	88	60187	900.568 ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	832633	260.837 ug/l	98
52) Toluene	8.79	92	303045	50.371 ug/l	99
53) t-1,3-Dichloropropene	9.04	75	161514	47.491 ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	177699	48.080 ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	124085	50.009 ug/l	98
56) Ethyl methacrylate	9.18	69	192355	51.175 ug/l	97
57) 1,3-Dichloropropane	9.37	76	192040	49.859 ug/l	99
59) 2-Hexanone	9.49	43	622617	247.823 ug/l	100
60) Dibromochloromethane	9.58	129	137000	49.313 ug/l	98
61) 1,2-Dibromoethane	9.67	107	134192	50.105 ug/l	100
64) Tetrachloroethene	9.34	164	120017	44.172 ug/l	99
65) Chlorobenzene	10.14	112	337027	49.418 ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	126097	50.760 ug/l	100
67) Ethyl Benzene	10.25	91	3171106	275.425 ug/l	99
68) m/p-Xylenes	10.36	106	3230013	724.023 ug/l	100
69) o-Xylene	10.69	106	241508	55.049 ug/l	100
70) Styrene	10.71	104	373847	50.812 ug/l	98
71) Bromoform	10.85	173	105436	48.806 ug/l	98
73) Isopropylbenzene	11.02	105	822123	68.781 ug/l	99
74) N-amyl acetate	10.90	43	208815	46.227 ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	195981	49.510 ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	156874m	48.823 ug/l	
77) Bromobenzene	11.26	156	159463	47.779 ug/l	99
78) n-propylbenzene	11.36	91	955513	72.737 ug/l	100
79) 2-Chlorotoluene	11.42	91	506225	64.714 ug/l	84
80) 1,3,5-Trimethylbenzene	11.51	105	915759	92.937 ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	59327	43.075 ug/l	95
82) 4-Chlorotoluene	11.51	91	483719	54.343 ug/l	95
83) tert-Butylbenzene	11.77	119	507762	51.341 ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1814902	183.327 ug/l	99
85) sec-Butylbenzene	11.94	105	598022	51.500 ug/l	99
86) p-Isopropyltoluene	12.06	119	595268	55.421 ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	281408	48.303 ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	282242	47.587 ug/l	99
89) n-Butylbenzene	12.38	91	494280	54.156 ug/l	95
90) Hexachloroethane	12.60	117	99498	53.573 ug/l	89
91) 1,2-Dichlorobenzene	12.39	146	279044	48.192 ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43054	50.447 ug/l	92
93) 1,2,4-Trichlorobenzene	13.65	180	200308	49.885 ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	94482	48.144	ug/l	99
95) Naphthalene	13.83	128	852063	69.051	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	200062	50.111	ug/l	99

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

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