Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX050319\
Data File : VX009334.D
Acq On : 04 May 2019 00:50
Operator : JC/SP
Sample : K2663-04MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-190430MS

Manual Integrations APPROVED
MMDadoda
5/6/2019 9:25:06 AM

Quant Time: May 04 06:59:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	168518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	278823	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123652	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116527	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.30%			
35) Dibromofluoromethane	5.49	113	86331	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.50%			
50) Toluene-d8	8.71	98	344356	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.32%			
62) 4-Bromofluorobenzene	11.13	95	127726	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.34%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	66458	42.796	ug/l	100
3) Chloromethane	1.32	50	97744	46.103	ug/l	98
4) Vinyl Chloride	1.41	62	96894	46.868	ug/l	97
5) Bromomethane	1.64	94	50949	41.059	ug/l	96
6) Chloroethane	1.71	64	62344	46.969	ug/l	99
7) Trichlorofluoromethane	1.92	101	118407	47.117	ug/l	98
8) Diethyl Ether	2.18	74	57556	48.351	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	70133	44.441	ug/l	99
10) Methyl Iodide	2.51	142	78665	43.554	ug/l	100
11) Tert butyl alcohol	3.05	59	148484	278.842	ug/l	100
12) 1,1-Dichloroethene	2.37	96	74885	47.360	ug/l	98
13) Acrolein	2.29	56	122431	253.874	ug/l	100
14) Allyl chloride	2.73	41	181082	46.993	ug/l	99
15) Acrylonitrile	3.14	53	347184	266.653	ug/l	99
16) Acetone	2.45	43	303621	245.795	ug/l	99
17) Carbon Disulfide	2.57	76	201643	45.422	ug/l	99
18) Methyl Acetate	2.78	43	164938	56.145	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	304445	49.583	ug/l	100
20) Methylene Chloride	2.85	84	92772	46.384	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	80947	47.205	ug/l	98
22) Diisopropyl ether	3.85	45	368364	49.709	ug/l	97
23) Vinyl Acetate	3.81	43	1629177	256.739	ug/l	100
24) 1,1-Dichloroethane	3.70	63	174504	47.735	ug/l	100
25) 2-Butanone	4.67	43	525589	273.807	ug/l	100
26) 2,2-Dichloropropane	4.58	77	104490	38.401	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	101600	49.638	ug/l	98
28) Bromochloromethane	5.01	49	81493	55.690	ug/l	99
29) Tetrahydrofuran	5.13	42	351464	284.533	ug/l	99
30) Chloroform	5.21	83	161109	48.728	ug/l	99
31) Cyclohexane	5.58	56	152386	44.805	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	130777	47.515	ug/l	99
36) 1,1-Dichloropropene	5.80	75	118062	45.564	ug/l	100
37) Ethyl Acetate	4.83	43	187775	52.012	ug/l	99
38) Carbon Tetrachloride	5.79	117	108595	46.128	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	132934	41.775	ug/l		98
40) Benzene	6.14	78	375955	46.882	ug/l		100
41) Methacrylonitrile	5.04	41	110045	51.206	ug/l		100
42) 1,2-Dichloroethane	6.19	62	138644	48.197	ug/l		100
43) Isopropyl Acetate	6.45	43	291989	50.563	ug/l		100
44) Trichloroethene	7.21	130	88100	45.444	ug/l		99
45) 1,2-Dichloropropane	7.51	63	109159	48.073	ug/l		97
46) Dibromomethane	7.66	93	62456	47.365	ug/l		99
47) Bromodichloromethane	7.90	83	125402	47.676	ug/l		97
48) Methyl methacrylate	7.77	41	148044	51.673	ug/l		99
49) 1,4-Dioxane	7.74	88	55788	960.179	ug/l		99
51) 4-Methyl-2-Pentanone	8.64	43	1030267	272.955	ug/l		100
52) Toluene	8.79	92	233946	47.993	ug/l		99
53) t-1,3-Dichloropropene	9.04	75	141170	47.538	ug/l		100
54) cis-1,3-Dichloropropene	8.43	75	152348	46.350	ug/l		98
55) 1,1,2-Trichloroethane	9.21	97	94830	47.684	ug/l		98
56) Ethyl methacrylate	9.18	69	178059	50.158	ug/l		100
57) 1,3-Dichloropropane	9.37	76	166392	47.546	ug/l		99
59) 2-Hexanone	9.49	43	809777	273.163	ug/l		100
60) Dibromochloromethane	9.58	129	94502	48.654	ug/l		99
61) 1,2-Dibromoethane	9.67	107	97907	48.772	ug/l		100
64) Tetrachloroethene	9.34	164	74600	43.250	ug/l		98
65) Chlorobenzene	10.13	112	236608	47.037	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.22	131	87875	48.186	ug/l		99
67) Ethyl Benzene	10.25	91	431899	46.654	ug/l		100
68) m/p-Xylenes	10.36	106	316370	93.518	ug/l		99
69) o-Xylene	10.69	106	156002	46.738	ug/l		99
70) Styrene	10.71	104	275851	47.549	ug/l		99
71) Bromoform	10.85	173	73886	49.855	ug/l	#	100
73) Isopropylbenzene	11.02	105	412639	45.890	ug/l		99
74) N-amyl acetate	10.90	43	264544	50.463	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.27	83	168635	50.308	ug/l		99
76) 1,2,3-Trichloropropane	11.29	75	146149m	50.954	ug/l		
77) Bromobenzene	11.26	156	104072	46.631	ug/l		100
78) n-propylbenzene	11.36	91	469893	45.758	ug/l		99
79) 2-Chlorotoluene	11.42	91	285473	45.059	ug/l		99
80) 1,3,5-Trimethylbenzene	11.51	105	350922	46.350	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.07	75	53449	47.679	ug/l		98
82) 4-Chlorotoluene	11.51	91	328178	45.852	ug/l		99
83) tert-Butylbenzene	11.77	119	342606	46.517	ug/l		99
84) 1,2,4-Trimethylbenzene	11.80	105	354953	46.707	ug/l		100
85) sec-Butylbenzene	11.94	105	393929	45.113	ug/l		100
86) p-Isopropyltoluene	12.06	119	362819	46.219	ug/l		99
87) 1,3-Dichlorobenzene	12.02	146	183565	46.138	ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	185528	46.253	ug/l		99
89) n-Butylbenzene	12.38	91	320904	45.229	ug/l		100
90) Hexachloroethane	12.59	117	61819	46.224	ug/l		97
91) 1,2-Dichlorobenzene	12.39	146	186856	46.110	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39592	52.652	ug/l		99
93) 1,2,4-Trichlorobenzene	13.65	180	129810	46.843	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	58790	41.544	ug/l	99
95) Naphthalene	13.83	128	459666	50.985	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132880	47.305	ug/l	100

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

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