Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071318\
Data File : VX003368.D
Acq On : 13 Jul 2018 17:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX071318

Manual Integrations APPROVED
MMDadoda
7/16/2018 11:24:45 AM
7/16/2018 11:24:45 AM

Quant Time: Jul 14 02:53:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 13 17:01:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	348315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	485875	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	464787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	283755	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	153701	39.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 79.46%			
35) Dibromofluoromethane	5.50	113	140488	39.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 78.58%			
50) Toluene-d8	8.72	98	489502	41.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.80%			
62) 4-Bromofluorobenzene	11.14	95	201166	40.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	167250	60.82	ug/l	98
3) Chloromethane	1.32	50	199568	59.41	ug/l	99
4) Vinyl Chloride	1.40	62	232282	51.65	ug/l	100
5) Bromomethane	1.64	94	105855	41.60	ug/l	97
6) Chloroethane	1.72	64	145106	57.83	ug/l	99
7) Trichlorofluoromethane	1.93	101	320471	49.46	ug/l	98
8) Diethyl Ether	2.19	74	133234	46.43	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	202586	48.65	ug/l	96
10) Methyl Iodide	2.51	142	229706	54.31	ug/l	94
11) Tert butyl alcohol	3.06	59	219530	217.35	ug/l	100
12) 1,1-Dichloroethene	2.37	96	187065	48.37	ug/l	93
13) Acrolein	2.29	56	127952	385.18	ug/l	98
14) Allyl chloride	2.73	41	351962	47.45	ug/l	88
15) Acrylonitrile	3.15	53	541336	214.67	ug/l	98
16) Acetone	2.45	43	418022	213.79	ug/l	90
17) Carbon Disulfide	2.57	76	534019	56.24	ug/l	100
18) Methyl Acetate	2.78	43	258229	42.53	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	629795	45.55	ug/l	99
20) Methylene Chloride	2.86	84	209605	50.37	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	203020	49.20	ug/l	93
22) Diisopropyl ether	3.87	45	670736	48.58	ug/l	96
23) Vinyl Acetate	3.82	43	2815333	249.54	ug/l	97
24) 1,1-Dichloroethane	3.70	63	376473	48.09	ug/l	100
25) 2-Butanone	4.70	43	669220	220.82	ug/l	92
26) 2,2-Dichloropropane	4.58	77	284797	51.40	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	220556	48.62	ug/l	92
28) Bromochloromethane	5.02	49	163632	45.88	ug/l	89
29) Tetrahydrofuran	5.16	42	442109	228.36	ug/l	92
30) Chloroform	5.21	83	354230	47.21	ug/l	97
31) Cyclohexane	5.57	56	328229	54.79	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	305906	48.94	ug/l	98
36) 1,1-Dichloropropene	5.80	75	277696	53.80	ug/l	98
37) Ethyl Acetate	4.86	43	262203	46.35	ug/l	96
38) Carbon Tetrachloride	5.78	117	274600	52.19	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	339576	58.11	ug/l		95
40) Benzene	6.14	78	823504	50.94	ug/l		99
41) Methacrylonitrile	5.06	41	150816	46.54	ug/l		93
42) 1,2-Dichloroethane	6.20	62	271762	48.12	ug/l		96
43) Isopropyl Acetate	6.46	43	430009	48.51	ug/l		94
44) Trichloroethene	7.21	130	236738	51.68	ug/l		100
45) 1,2-Dichloropropane	7.52	63	214104	49.93	ug/l		100
46) Dibromomethane	7.67	93	137536	49.88	ug/l		97
47) Bromodichloromethane	7.90	83	260622	50.13	ug/l		97
48) Methyl methacrylate	7.78	41	223483	49.40	ug/l		86
49) 1,4-Dioxane	7.76	88	96531	977.74	ug/l		95
51) 4-Methyl-2-Pentanone	8.65	43	1374056	237.14	ug/l		92
52) Toluene	8.79	92	532511	51.98	ug/l		98
53) t-1,3-Dichloropropene	8.44	75	330394	54.11	ug/l		100
54) cis-1,3-Dichloropropene	9.04	75	300922	53.95	ug/l	#	89
55) 1,1,2-Trichloroethane	9.22	97	211341	49.43	ug/l		98
56) Ethyl methacrylate	9.18	69	319880	52.37	ug/l	#	84
57) 1,3-Dichloropropane	9.37	76	342001	49.35	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.32	63	793692	267.42	ug/l		98
59) 2-Hexanone	9.50	43	1038215	242.93	ug/l		89
60) Dibromochloromethane	9.59	129	217119	52.31	ug/l		100
61) 1,2-Dibromoethane	9.68	107	217483	50.44	ug/l		99
64) Tetrachloroethene	9.34	164	261361	51.92	ug/l		98
65) Chlorobenzene	10.14	112	606690	50.83	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.23	131	214950	50.94	ug/l		99
67) Ethyl Benzene	10.26	91	1023008	52.67	ug/l		100
68) m/p-Xylenes	10.36	106	806700	107.82	ug/l		96
69) o-Xylene	10.70	106	386934	52.95	ug/l		96
70) Styrene	10.71	104	656344	53.44	ug/l		97
71) Bromoform	10.86	173	167875	51.96	ug/l		99
73) Isopropylbenzene	11.02	105	1038266	52.92	ug/l		100
74) N-amyl acetate	6.46	43	430009	47.28	ug/l	#	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	301034	47.00	ug/l		99
76) 1,2,3-Trichloropropane	11.30	75	312214m	55.69	ug/l		
77) Bromobenzene	11.26	156	281142	50.71	ug/l		98
78) n-propylbenzene	11.36	91	1186709	53.51	ug/l		99
79) 2-Chlorotoluene	11.42	91	695316	50.76	ug/l		99
80) 1,3,5-Trimethylbenzene	11.51	105	870400	53.53	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.08	75	92023	54.73	ug/l		89
82) 4-Chlorotoluene	11.51	91	823974	51.63	ug/l		98
83) tert-Butylbenzene	11.77	119	846495	52.58	ug/l		94
84) 1,2,4-Trimethylbenzene	11.81	105	891422	54.04	ug/l		97
85) sec-Butylbenzene	11.94	105	1030512	53.56	ug/l		100
86) p-Isopropyltoluene	12.07	119	934011	54.26	ug/l		98
87) 1,3-Dichlorobenzene	12.03	146	519052	50.15	ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	525747	50.03	ug/l		99
89) n-Butylbenzene	12.39	91	815355	55.35	ug/l		99
90) Hexachloroethane	12.60	117	135412	52.48	ug/l		99
91) 1,2-Dichlorobenzene	12.40	146	512560	49.48	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	61567	48.47	ug/l		91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	378288	53.38	ug/l	99
94) Hexachlorobutadiene	13.79	225	181546	54.29	ug/l	99
95) Naphthalene	13.83	128	1049640	52.85	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	375773	52.54	ug/l	99

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

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