Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070920\
Data File : BM026707.D
Acq On : 08 Jul 2020 16:37
Operator : JU/CG
Sample : L3216-08
Misc : LOQ-MDL-WTR-5PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2020

Manual Integrations APPROVED
mohammad
7/9/2020 10:59:55 AM

Quant Time: Jul 08 17:14:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 08 17:09:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	34776	20.00	ng		0.00
21) Naphthalene-d8	10.08	136	144574	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	97132	20.00	ng		0.00
64) Phenanthrene-d10	16.74	188	226057	20.00	ng		0.00
76) Chrysene-d12	20.96	240	298047	20.00	ng		0.00
86) Perylene-d12	23.03	264	335712	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	220467	106.26	ng		0.00
7) Phenol-d6	6.53	99	325460	98.45	ng		0.00
23) Nitrobenzene-d5	8.47	82	248464	73.32	ng		0.00
42) 2,4,6-Tribromophenol	15.49	330	139683	98.72	ng		0.00
45) 2-Fluorobiphenyl	12.59	172	518401	70.96	ng		0.00
79) Terphenyl-d14	19.41	244	821185	54.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	6468	6.488	ng		84
3) Pyridine	3.40	79	10001m	3.507	ng		
4) n-Nitrosodimethylamine	3.29	42	6488	3.802	ng	#	84
6) Aniline	6.67	93	16315	4.021	ng		98
8) 2-Chlorophenol	6.90	128	10580	4.281	ng		94
9) Benzaldehyde	6.50	77	11580	6.312	ng		93
10) Phenol	6.56	94	13380	4.095	ng	#	71
11) bis(2-Chloroethyl)ether	6.78	93	10437	3.821	ng		97
12) 1,3-Dichlorobenzene	7.22	146	11387	4.239	ng		91
13) 1,4-Dichlorobenzene	7.36	146	11953	4.371	ng		93
14) 1,2-Dichlorobenzene	7.67	146	11302	4.149	ng		95
15) Benzyl Alcohol	7.59	79	8006	2.830	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.86	45	22356	3.965	ng		94
17) 2-Methylphenol	7.79	107	8305	3.345	ng		97
18) Hexachloroethane	8.37	117	4090	3.766	ng		97
19) n-Nitroso-di-n-propylamine	8.14	70	9658	3.511	ng		98
20) 3+4-Methylphenols	8.12	107	11197	3.280	ng		94
22) Acetophenone	8.15	105	17185	4.183	ng	#	94
24) Nitrobenzene	8.52	77	15473	4.340	ng		94
25) Isophorone	9.05	82	23974	3.689	ng		98
26) 2-Nitrophenol	9.23	139	3993	3.035	ng		96
27) 2,4-Dimethylphenol	9.31	122	8375	3.914	ng		98
28) bis(2-Chloroethoxy)methane	9.54	93	13692	3.814	ng	#	94
29) 2,4-Dichlorophenol	9.78	162	7220	3.064	ng		92
30) 1,2,4-Trichlorobenzene	9.96	180	10705	4.072	ng		99
31) Naphthalene	10.13	128	34455	4.285	ng		97
32) Benzoic acid	9.45	122	373	0.230	ng	#	82
33) 4-Chloroaniline	10.28	127	11317	3.217	ng		96
34) Hexachlorobutadiene	10.42	225	7066	4.059	ng		95
35) Caprolactam	11.07	113	2169m	2.599	ng		
36) 4-Chloro-3-methylphenol	11.42	107	9365	3.145	ng		96
37) 2-Methylnaphthalene	11.76	142	23880	4.009	ng		90
38) 1-Methylnaphthalene	11.99	142	23028m	4.035	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	13645	4.346	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	2277	1.520	ng		95
43) 2,4,6-Trichlorophenol	12.41	196	6289m	3.058	ng		
44) 2,4,5-Trichlorophenol	12.50	196	7246	2.998	ng		92
46) 1,1'-Biphenyl	12.81	154	34241	4.463	ng		95
47) 2-Chloronaphthalene	12.84	162	25162	4.060	ng		93
48) 2-Nitroaniline	13.08	65	7009	2.748	ng		90
49) Acenaphthylene	13.70	152	36339	3.667	ng		100
50) Dimethylphthalate	13.47	163	32967	3.968	ng		99
51) 2,6-Dinitrotoluene	13.59	165	5961	3.351	ng	#	89
52) Acenaphthene	14.05	154	23964	3.980	ng		96
53) 3-Nitroaniline	13.93	138	4447m	2.403	ng		
54) 2,4-Dinitrophenol	14.19	184	842	0.809	ng	#	85
55) Dibenzofuran	14.39	168	38667	3.916	ng		96
56) 4-Nitrophenol	14.30	139	1601m	1.102	ng		
57) 2,4-Dinitrotoluene	14.39	165	6861	2.672	ng	#	66
58) Fluorene	15.05	166	30419	3.721	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.64	232	7173	3.398	ng	#	98
60) Diethylphthalate	14.85	149	32981	3.754	ng		98
61) 4-Chlorophenyl-phenylether	15.06	204	16945	3.826	ng		99
62) 4-Nitroaniline	15.10	138	3724m	1.928	ng		
63) Azobenzene	15.35	77	32950	3.415	ng		94
65) 4,6-Dinitro-2-methylphenol	15.17	198	3063	1.993	ng		88
66) n-Nitrosodiphenylamine	15.27	169	26100	3.633	ng		97
67) 4-Bromophenyl-phenylether	15.95	248	9905	3.520	ng		93
68) Hexachlorobenzene	16.06	284	12139	4.099	ng		96
69) Atrazine	16.24	200	9598	4.443	ng		86
70) Pentachlorophenol	16.43	266	3849	2.297	ng		85
71) Phenanthrene	16.79	178	55391	4.151	ng		98
72) Anthracene	16.88	178	50335	3.789	ng		99
73) Carbazole	17.17	167	41635	3.287	ng		98
74) Di-n-butylphthalate	17.74	149	49931	3.135	ng		98
75) Fluoranthene	18.82	202	66145	4.024	ng		97
77) Benzidine	19.04	184	16437	2.797	ng		96
78) Pyrene	19.19	202	69266	3.689	ng		98
80) Butylbenzylphthalate	20.12	149	24074	2.857	ng		97
81) Benzo(a)anthracene	20.95	228	78420	3.917	ng		98
82) 3,3'-Dichlorobenzidine	20.90	252	23158	3.644	ng		99
83) Chrysene	21.00	228	77350	3.969	ng		100
84) Bis(2-ethylhexyl)phthalate	20.92	149	38087	2.822	ng		99
85) Di-n-octyl phthalate	21.76	149	67275	2.916	ng		96
87) Indeno(1,2,3-cd)pyrene	25.04	276	109333	4.575	ng		99
88) Benzo(b)fluoranthene	22.43	252	87441	3.953	ng		98
89) Benzo(k)fluoranthene	22.47	252	87293	4.023	ng		98
90) Benzo(a)pyrene	22.94	252	76370	3.719	ng		99
91) Dibenzo(a,h)anthracene	25.04	278	92194	4.570	ng		97
92) Benzo(g,h,i)perylene	25.64	276	95872	5.157	ng		98

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

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