Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
Data File : BG035871.D
Acq On : 25 Jul 2018 13:15
Operator : JU/SJ
Sample : J3762-09
Misc : MDL 5PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Manual Integrations APPROVED
Sohil
7/26/2018 4:59:27 PM

Quant Time: Jul 25 15:17:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	35229	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	126167	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	91293	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	280909	20.00	ng		0.00
75) Chrysene-d12	21.66	240	308761	20.00	ng		0.00
86) Perylene-d12	24.86	264	286661	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	250394	118.00	ng		0.00
7) Phenol-d6	7.19	99	354280	111.91	ng		0.00
23) Nitrobenzene-d5	9.19	82	242680	80.35	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	182184	151.40	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	603393	88.55	ng		0.00
78) Terphenyl-d14	20.00	244	1438911	102.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	4802	4.446	ng	#	71
3) Pyridine	3.94	79	10365	3.676	ng	#	68
4) n-Nitrosodimethylamine	3.84	42	4685	3.870	ng	#	90
6) Aniline	7.35	93	13621	3.319	ng	#	94
8) 2-Chlorophenol	7.59	128	9596	4.446	ng		88
9) Benzaldehyde	7.17	77	10294	5.299	ng		97
10) Phenol	7.22	94	13955	4.363	ng		89
11) bis(2-Chloroethyl)ether	7.45	93	10802	4.312	ng	#	83
12) 1,3-Dichlorobenzene	7.92	146	11973	4.594	ng		89
13) 1,4-Dichlorobenzene	8.06	146	12042	4.548	ng		99
14) 1,2-Dichlorobenzene	8.38	146	12096	4.755	ng		92
15) Benzyl Alcohol	8.27	79	9538	3.318	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.55	45	12189	5.804	ng		79
17) 2-Methylphenol	8.47	107	9208	4.234	ng	#	82
18) Hexachloroethane	9.11	117	4764	4.705	ng		90
19) n-Nitroso-di-n-propylamine	8.82	70	9374	3.516	ng	#	74
20) 3+4-Methylphenols	8.81	107	10633	3.525	ng		85
22) Acetophenone	8.85	105	17329	4.417	ng	#	93
24) Nitrobenzene	9.23	77	14860	4.892	ng		95
25) Isophorone	9.75	82	26731	4.768	ng		99
26) 2-Nitrophenol	9.95	139	4982	4.618	ng	#	85
27) 2,4-Dimethylphenol	10.01	122	9221	5.050	ng	#	89
28) bis(2-Chloroethoxy)methane	10.24	93	14023	4.539	ng		97
29) 2,4-Dichlorophenol	10.52	162	9752	4.679	ng	#	67
30) 1,2,4-Trichlorobenzene	10.69	180	12829	5.019	ng		90
31) Naphthalene	10.88	128	31255	4.756	ng	#	93
32) Benzoic acid	10.22	122	392	0.319	ng	#	22
33) 4-Chloroaniline	11.01	127	7483	2.612	ng	#	87
34) Hexachlorobutadiene	11.16	225	10343	5.190	ng		95
35) Caprolactam	11.76	113	3481m	3.892	ng		
36) 4-Chloro-3-methylphenol	12.12	107	12379	4.431	ng	#	91
37) 2-Methylnaphthalene	12.48	142	24433	4.990	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	17131	4.972	ng		98
40) Hexachlorocyclopentadiene	12.83	237	5223	2.890	ng		83

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Quant Time: Jul 25 15:17:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	9635	4.781 ng		89
43) 2,4,5-Trichlorophenol	13.19	196	10174	4.513 ng	#	79
45) 1,1'-Biphenyl	13.48	154	35393	5.001 ng		93
46) 2-Chloronaphthalene	13.53	162	26982	4.901 ng		98
47) 2-Nitroaniline	13.74	65	7552	3.880 ng		91
48) Acenaphthylene	14.37	152	46513	5.044 ng		95
49) Dimethylphthalate	14.10	163	39580	4.948 ng	#	97
50) 2,6-Dinitrotoluene	14.22	165	8602	5.281 ng	#	88
51) Acenaphthene	14.71	154	28497	4.960 ng		98
52) 3-Nitroaniline	14.57	138	5915	3.553 ng	#	81
54) Dibenzofuran	15.05	168	48281	5.284 ng		97
55) 4-Nitrophenol	14.95	139	1853m	1.563 ng		
56) 2,4-Dinitrotoluene	15.01	165	11884	5.086 ng	#	83
57) Fluorene	15.70	166	40281	5.260 ng		86
58) 2,3,4,6-Tetrachlorophenol	15.28	232	11282	5.220 ng	#	94
59) Diethylphthalate	15.46	149	41829	5.086 ng		97
60) 4-Chlorophenyl-phenylether	15.69	204	21937	4.874 ng	#	92
61) 4-Nitroaniline	15.73	138	5235	3.006 ng	#	67
62) Azobenzene	15.98	77	42553	5.245 ng		90
64) 4,6-Dinitro-2-methylphenol	15.79	198	3351	2.143 ng		90
65) n-Nitrosodiphenylamine	15.90	169	36845	4.608 ng		99
66) 4-Bromophenyl-phenylether	16.59	248	14933	4.582 ng		98
67) Hexachlorobenzene	16.70	284	16165	4.816 ng		92
68) Atrazine	16.85	200	16230	4.930 ng		93
69) Pentachlorophenol	17.07	266	1774	0.868 ng	#	63
70) Phenanthrene	17.44	178	71657	5.112 ng		99
71) Anthracene	17.53	178	70121	5.024 ng		98
72) Carbazole	17.81	167	59722	4.506 ng	#	92
73) Di-n-butylphthalate	18.35	149	72531	4.631 ng		98
74) Fluoranthene	19.44	202	94761	5.019 ng		97
76) Benzidine	19.64	184	13501	1.663 ng	#	90
77) Pyrene	19.81	202	96733	4.955 ng		99
79) Butylbenzylphthalate	20.69	149	31474	4.508 ng		96
80) Benzo(a)anthracene	21.64	228	97121	5.048 ng		98
81) 3,3'-Dichlorobenzidine	21.56	252	25295	3.770 ng		93
82) Chrysene	21.70	228	90235	5.061 ng		97
83) Bis(2-ethylhexyl)phthalate	21.54	149	45431	4.786 ng		97
84) Di-n-octyl phthalate	22.74	149	76250	4.798 ng	#	98
85) Indeno(1,2,3-cd)pyrene	28.49	276	88918	4.504 ng	#	80
87) Benzo(b)fluoranthene	23.84	252	86465	4.963 ng	#	94
88) Benzo(k)fluoranthene	23.91	252	88024	5.168 ng	#	94
89) Benzo(a)pyrene	24.70	252	84320	5.202 ng	#	96
90) Dibenzo(a,h)anthracene	28.55	278	74450	4.678 ng	#	95
91) Benzo(g,h,i)perylene	29.62	276	78843	5.063 ng	#	94

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

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