Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
Data File : BG035872.D
Acq On : 25 Jul 2018 13:54
Operator : JU/SJ
Sample : J3762-09
Misc : MDL 8PPM
ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
7/26/2018 4:59:30 PM

Quant Time: Jul 25 15:18:24 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	38785	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	143678	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	104481	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	289284	20.00	ng		0.00
75) Chrysene-d12	21.66	240	303039	20.00	ng		0.00
86) Perylene-d12	24.85	264	281748	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	293802	125.77	ng		0.00
7) Phenol-d6	7.19	99	414358	118.88	ng		0.00
23) Nitrobenzene-d5	9.19	82	289410	84.15	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	195258	141.79	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	688773	88.32	ng		0.00
78) Terphenyl-d14	20.00	244	1440720	104.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	6589	5.542	ng	#	78
3) Pyridine	3.93	79	16089	5.183	ng	#	64
4) n-Nitrosodimethylamine	3.84	42	5088	3.818	ng	#	80
6) Aniline	7.35	93	18293	4.049	ng		97
8) 2-Chlorophenol	7.59	128	13978	5.883	ng		95
9) Benzaldehyde	7.18	77	14652	6.851	ng		89
10) Phenol	7.22	94	19613	5.570	ng		83
11) bis(2-Chloroethyl)ether	7.45	93	14612	5.299	ng		84
12) 1,3-Dichlorobenzene	7.92	146	16087	5.607	ng		90
13) 1,4-Dichlorobenzene	8.06	146	17807	6.108	ng		88
14) 1,2-Dichlorobenzene	8.38	146	16502	5.892	ng		95
15) Benzyl Alcohol	8.27	79	13089	4.135	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	15277	6.608	ng		75
17) 2-Methylphenol	8.48	107	13070	5.459	ng	#	92
18) Hexachloroethane	9.11	117	5623	5.045	ng	#	85
19) n-Nitroso-di-n-propylamine	8.82	70	12502	4.260	ng	#	79
20) 3+4-Methylphenols	8.81	107	16447	4.952	ng		91
22) Acetophenone	8.85	105	24697	5.528	ng	#	89
24) Nitrobenzene	9.23	77	21769	6.294	ng	#	89
25) Isophorone	9.75	82	36398	5.701	ng	#	96
26) 2-Nitrophenol	9.94	139	7370	5.999	ng	#	87
27) 2,4-Dimethylphenol	10.01	122	13081	6.291	ng	#	84
28) bis(2-Chloroethoxy)methane	10.24	93	18812	5.347	ng	#	97
29) 2,4-Dichlorophenol	10.50	162	13522	5.697	ng		95
30) 1,2,4-Trichlorobenzene	10.69	180	17866	6.138	ng	#	91
31) Naphthalene	10.88	128	45262	6.048	ng	#	95
33) 4-Chloroaniline	11.01	127	12064	3.698	ng	#	91
34) Hexachlorobutadiene	11.16	225	13965	6.153	ng		99
35) Caprolactam	11.75	113	4277m	4.199	ng		
36) 4-Chloro-3-methylphenol	12.12	107	17008	5.346	ng		95
37) 2-Methylnaphthalene	12.48	142	34120	6.119	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	23811	6.038	ng		99
40) Hexachlorocyclopentadiene	12.83	237	8483	4.102	ng		84
42) 2,4,6-Trichlorophenol	13.09	196	13377	5.801	ng		84

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.18	196	14483	5.614	ng	#	94
45) 1,1'-Biphenyl	13.49	154	47883	5.911	ng		93
46) 2-Chloronaphthalene	13.53	162	39392	6.252	ng		95
47) 2-Nitroaniline	13.74	65	10767	4.834	ng		96
48) Acenaphthylene	14.37	152	64469	6.108	ng		97
49) Dimethylphthalate	14.10	163	52530	5.738	ng		96
50) 2,6-Dinitrotoluene	14.22	165	11468	6.152	ng	#	83
51) Acenaphthene	14.71	154	37448	5.696	ng		95
52) 3-Nitroaniline	14.57	138	8580	4.503	ng	#	90
53) 2,4-Dinitrophenol	14.80	184	106	6.684	ng	#	28
54) Dibenzofuran	15.05	168	64205	6.140	ng		95
55) 4-Nitrophenol	14.94	139	3398m	2.504	ng		
56) 2,4-Dinitrotoluene	15.01	165	15605	5.835	ng		92
57) Fluorene	15.69	166	53367	6.089	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.28	232	14755	5.965	ng		92
59) Diethylphthalate	15.46	149	53076	5.639	ng		97
60) 4-Chlorophenyl-phenylether	15.68	204	31344	6.085	ng	#	86
61) 4-Nitroaniline	15.72	138	7444	3.735	ng		90
62) Azobenzene	15.98	77	52656	5.671	ng		94
64) 4,6-Dinitro-2-methylphenol	15.78	198	4403	2.734	ng		89
65) n-Nitrosodiphenylamine	15.90	169	44679	5.426	ng		99
66) 4-Bromophenyl-phenylether	16.58	248	20093	5.987	ng		92
67) Hexachlorobenzene	16.71	284	21429	6.200	ng		94
68) Atrazine	16.85	200	18251	5.383	ng		93
69) Pentachlorophenol	17.06	266	2968	1.410	ng	#	74
70) Phenanthrene	17.44	178	89027	6.168	ng		98
71) Anthracene	17.53	178	88764m	6.176	ng		
72) Carbazole	17.80	167	73694	5.399	ng		95
73) Di-n-butylphthalate	18.35	149	84398	5.232	ng	#	95
74) Fluoranthene	19.44	202	111146	5.716	ng		93
76) Benzidine	19.65	184	16177m	2.031	ng		
77) Pyrene	19.81	202	114691	5.985	ng		98
79) Butylbenzylphthalate	20.68	149	35288	5.150	ng		96
80) Benzo(a)anthracene	21.63	228	113021	5.985	ng		100
81) 3,3'-Dichlorobenzidine	21.56	252	29060	4.413	ng	#	96
82) Chrysene	21.70	228	107764	6.158	ng		93
83) Bis(2-ethylhexyl)phthalate	21.54	149	52569	5.643	ng		98
84) Di-n-octyl phthalate	22.74	149	86660	5.556	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.49	276	108356	5.593	ng	#	78
87) Benzo(b)fluoranthene	23.84	252	100986m	5.897	ng		
88) Benzo(k)fluoranthene	23.90	252	100026	5.975	ng		99
89) Benzo(a)pyrene	24.70	252	96657	6.067	ng	#	94
90) Dibenzo(a,h)anthracene	28.57	278	86592	5.536	ng	#	93
91) Benzo(g,h,i)perylene	29.62	276	90871	5.937	ng		95

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

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