Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061417\
Data File : BG027428.D
Acq On : 14 Jun 2017 22:05
Operator : SJ/MA
Sample : I3635-03MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-061217-AMSD

Manual Integrations APPROVED
mohammad
6/15/2017 3:57:24 PM

Quant Time: Jun 15 05:35:36 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG061417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 19:09:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	41052	20.00	ng		0.00
21) Naphthalene-d8	11.35	136	195194	20.00	ng		0.00
38) Acenaphthene-d10	15.11	164	143097	20.00	ng		0.00
63) Phenanthrene-d10	17.86	188	364480	20.00	ng		0.00
75) Chrysene-d12	22.24	240	428769	20.00	ng		0.00
86) Perylene-d12	25.89	264	398015	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.11	112	354396	122.00	ng		0.00
7) Phenol-d6	7.66	99	495763	111.05	ng		0.00
23) Nitrobenzene-d5	9.69	82	322656	84.28	ng		0.00
41) 2,4,6-Tribromophenol	16.59	330	300824	140.07	ng		0.00
44) 2-Fluorobiphenyl	13.73	172	736705	74.37	ng		0.00
78) Terphenyl-d14	20.44	244	1470530	87.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.13	88	44792	37.22	ng		91
3) Pyridine	4.51	79	119454	32.48	ng	#	80
4) n-Nitrosodimethylamine	4.41	42	58413	36.83	ng	#	50
6) Aniline	7.86	93	107512	20.23	ng		96
8) 2-Chlorophenol	8.09	128	126202	41.63	ng		97
9) Benzaldehyde	7.67	77	39370	13.09	ng		92
10) Phenol	7.69	94	176053	38.26	ng		79
11) bis(2-Chloroethyl)ether	7.93	93	143175	39.24	ng		91
12) 1,3-Dichlorobenzene	8.42	146	117125	36.72	ng		94
13) 1,4-Dichlorobenzene	8.56	146	119793	36.14	ng		98
14) 1,2-Dichlorobenzene	8.88	146	116050	35.65	ng		98
15) Benzyl Alcohol	8.75	79	137540	42.55	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	9.03	45	223472	35.49	ng		97
17) 2-Methylphenol	8.94	107	123229	39.63	ng	#	88
18) Hexachloroethane	9.62	117	44716	36.69	ng	#	83
19) n-Nitroso-di-n-propylamine	9.31	70	124762	36.95	ng		88
20) 3+4-Methylphenols	9.27	107	175210	39.16	ng		90
22) Acetophenone	9.34	105	207208	39.56	ng	#	86
24) Nitrobenzene	9.73	77	169290	39.98	ng	#	90
25) Isophorone	10.25	82	347196	41.44	ng	#	97
26) 2-Nitrophenol	10.45	139	68397	41.39	ng	#	81
27) 2,4-Dimethylphenol	10.48	122	151501	44.71	ng		95
28) bis(2-Chloroethoxy)methane	10.72	93	203890	39.92	ng		99
29) 2,4-Dichlorophenol	10.98	162	136491	46.65	ng		98
30) 1,2,4-Trichlorobenzene	11.20	180	117661	38.73	ng		99
31) Naphthalene	11.40	128	402493	37.76	ng		99
32) Benzoic acid	10.58	122	86820	40.75	ng		92
34) Hexachlorobutadiene	11.67	225	70551	37.82	ng		98
35) Caprolactam	12.26	113	56414m	43.56	ng		
36) 4-Chloro-3-methylphenol	12.57	107	199351	47.66	ng		91
37) 2-Methylnaphthalene	12.96	142	310372	39.98	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.32	216	150925	35.83	ng		99
40) Hexachlorocyclopentadiene	13.30	237	188941	80.55	ng		99
42) 2,4,6-Trichlorophenol	13.55	196	122784	42.79	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.63	196	140574	43.11	ng	#	96
45) 1,1'-Biphenyl	13.94	154	433558	38.08	ng		97
46) 2-Chloronaphthalene	14.00	162	336437	39.07	ng		98
47) 2-Nitroaniline	14.19	65	146010	42.89	ng		90
48) Acenaphthylene	14.84	152	574067	38.15	ng		97
49) Dimethylphthalate	14.55	163	510959	43.00	ng		98
50) 2,6-Dinitrotoluene	14.67	165	110929	45.29	ng		84
51) Acenaphthene	15.18	154	437746	43.63	ng		99
52) 3-Nitroaniline	15.01	138	23429	8.66	ng		98
53) 2,4-Dinitrophenol	15.21	184	135473	89.03	ng		93
54) Dibenzofuran	15.51	168	587427	42.97	ng		94
55) 4-Nitrophenol	15.29	139	192426	89.85	ng	#	62
56) 2,4-Dinitrotoluene	15.45	165	159927	45.84	ng	#	92
57) Fluorene	16.15	166	496806	40.41	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.72	232	138554	48.63	ng		97
59) Diethylphthalate	15.90	149	540746	44.28	ng		98
60) 4-Chlorophenyl-phenylether	16.14	204	250305	40.39	ng		98
61) 4-Nitroaniline	16.17	138	110588	39.93	ng	#	66
62) Azobenzene	16.43	77	571315	45.44	ng		90
64) 4,6-Dinitro-2-methylphenol	16.22	198	92371	43.71	ng		83
65) n-Nitrosodiphenylamine	16.35	169	451143	39.65	ng		99
66) 4-Bromophenyl-phenylether	17.03	248	172902	39.88	ng		97
67) Hexachlorobenzene	17.16	284	186092	38.81	ng		93
68) Atrazine	17.29	200	118648	30.07	ng		96
69) Pentachlorophenol	17.50	266	233728	84.78	ng		97
70) Phenanthrene	17.90	178	820972	40.35	ng		95
71) Anthracene	18.00	178	826079	40.15	ng		97
72) Carbazole	18.26	167	732236	37.16	ng		96
73) Di-n-butylphthalate	18.78	149	919445	42.81	ng	#	94
74) Fluoranthene	19.90	202	949646	40.55	ng		93
77) Pyrene	20.25	202	977205	41.33	ng		96
79) Butylbenzylphthalate	21.14	149	433983	44.09	ng		95
80) Benzo(a)anthracene	22.22	228	1011040	41.03	ng		95
81) 3,3'-Dichlorobenzidine	22.11	252	76761	8.20	ng		96
82) Chrysene	22.29	228	942833	40.02	ng		97
83) Bis(2-ethylhexyl)phthalate	22.07	149	624012	43.78	ng		98
84) Di-n-octyl phthalate	23.43	149	1064859	44.58	ng	#	91
85) Indeno(1,2,3-cd)pyrene	30.11	276	1182660	40.57	ng	#	89
87) Benzo(b)fluoranthene	24.72	252	1030619	40.86	ng	#	96
88) Benzo(k)fluoranthene	24.80	252	1001671	40.37	ng	#	93
89) Benzo(a)pyrene	25.72	252	974678	41.23	ng	#	94
90) Dibenzo(a,h)anthracene	30.18	278	1028355	40.45	ng	#	95
91) Benzo(g,h,i)perylene	31.43	276	949500	39.15	ng	#	91

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

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