Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
Data File : BG035226.D
Acq On : 18 Jun 2018 19:49
Operator : SJ/JU
Sample : PB110320BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB110320BSD

Manual Integrations APPROVED
Sohil
6/19/2018 6:01:24 PM

Quant Time: Jun 19 06:28:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	33814	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	130395	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	100770	20.00	ng		-0.01
63) Phenanthrene-d10	17.43	188	349282	20.00	ng		-0.01
75) Chrysene-d12	21.70	240	403194	20.00	ng		-0.02
86) Perylene-d12	24.92	264	377287	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	322441	160.93	ng		0.00
7) Phenol-d6	7.22	99	483972	163.65	ng		0.00
23) Nitrobenzene-d5	9.22	82	298370	108.77	ng		-0.02
41) 2,4,6-Tribromophenol	16.17	330	286247	221.90	ng		-0.01
44) 2-Fluorobiphenyl	13.31	172	738019	95.21	ng		-0.02
78) Terphenyl-d14	20.04	244	2206542	114.63	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	36448	38.126	ng	#	70
3) Pyridine	3.94	79	99197	38.457	ng	#	75
4) n-Nitrosodimethylamine	3.86	42	40167	36.247	ng	#	75
6) Aniline	7.38	93	99298	25.976	ng		95
8) 2-Chlorophenol	7.63	128	102894	48.991	ng		93
9) Benzaldehyde	7.20	77	57913	25.424	ng		98
10) Phenol	7.25	94	155582	50.836	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	99265	41.789	ng		87
12) 1,3-Dichlorobenzene	7.95	146	108350	43.237	ng		97
13) 1,4-Dichlorobenzene	8.10	146	109097	42.174	ng		99
14) 1,2-Dichlorobenzene	8.42	146	106886	43.989	ng		98
15) Benzyl Alcohol	8.29	79	124788	44.532	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.59	45	109000	46.103	ng		77
17) 2-Methylphenol	8.50	107	104667	51.873	ng	#	94
18) Hexachloroethane	9.15	117	40054	43.250	ng		89
19) n-Nitroso-di-n-propylamine	8.86	70	95198	37.891	ng	#	85
20) 3+4-Methylphenols	8.82	107	145206	50.207	ng		93
22) Acetophenone	8.88	105	171036	42.344	ng	#	90
24) Nitrobenzene	9.27	77	138960	49.469	ng	#	91
25) Isophorone	9.78	82	276481	47.737	ng		98
26) 2-Nitrophenol	9.98	139	58564	60.484	ng	#	90
27) 2,4-Dimethylphenol	10.03	122	112926	55.486	ng		92
28) bis(2-Chloroethoxy)methane	10.27	93	144644	46.474	ng		95
29) 2,4-Dichlorophenol	10.51	162	129199	58.342	ng		92
30) 1,2,4-Trichlorobenzene	10.73	180	124474	46.876	ng		94
31) Naphthalene	10.92	128	318586	47.031	ng		99
32) Benzoic acid	10.15	122	82316	60.384	ng		92
33) 4-Chloroaniline	11.02	127	57469	19.539	ng	#	89
34) Hexachlorobutadiene	11.20	225	95628	46.306	ng		96
35) Caprolactam	11.79	113	55730m	68.095	ng		
36) 4-Chloro-3-methylphenol	12.13	107	161958	58.670	ng		90
37) 2-Methylnaphthalene	12.52	142	257630	50.165	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	175505	46.758	ng		99
40) Hexachlorocyclopentadiene	12.86	237	242662	103.095	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	123883	55.120	ng		98
43) 2,4,5-Trichlorophenol	13.19	196	142594	57.805	ng		98
45) 1,1'-Biphenyl	13.52	154	358473	44.240	ng		96
46) 2-Chloronaphthalene	13.56	162	284303	46.407	ng		99
47) 2-Nitroaniline	13.76	65	110689	61.186	ng		90
48) Acenaphthylene	14.41	152	497430	48.423	ng		98
49) Dimethylphthalate	14.14	163	444912	50.630	ng		99
50) 2,6-Dinitrotoluene	14.25	165	104870	65.416	ng	#	89
51) Acenaphthene	14.75	154	298760	44.513	ng		97
52) 3-Nitroaniline	14.58	138	54729	34.791	ng	#	92
53) 2,4-Dinitrophenol	14.79	184	141262	217.730	ng	#	62
54) Dibenzofuran	15.08	168	501491	49.889	ng		93
55) 4-Nitrophenol	14.89	139	214226	161.359	ng	#	87
56) 2,4-Dinitrotoluene	15.04	165	163874	76.951	ng	#	85
57) Fluorene	15.73	166	426013	50.710	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.31	232	163498	68.226	ng	#	93
59) Diethylphthalate	15.50	149	477977	53.313	ng		97
60) 4-Chlorophenyl-phenylether	15.72	204	245434	51.234	ng		96
61) 4-Nitroaniline	15.75	138	134114	79.496	ng	#	84
62) Azobenzene	16.01	77	450804	51.312	ng		96
64) 4,6-Dinitro-2-methylphenol	15.80	198	104855	65.751	ng		89
65) n-Nitrosodiphenylamine	15.94	169	416570	39.714	ng		99
66) 4-Bromophenyl-phenylether	16.62	248	181451	43.139	ng		98
67) Hexachlorobenzene	16.73	284	189058	44.160	ng	#	92
68) Atrazine	16.88	200	246289	55.060	ng		96
69) Pentachlorophenol	17.07	266	282386	98.091	ng		96
70) Phenanthrene	17.47	178	834332	47.024	ng		96
71) Anthracene	17.56	178	860216	48.401	ng		98
72) Carbazole	17.83	167	922737	55.957	ng		97
73) Di-n-butylphthalate	18.38	149	1064595	54.165	ng	#	98
74) Fluoranthene	19.48	202	1375267	59.566	ng		96
76) Benzidine	19.65	184	423181	28.212	ng		97
77) Pyrene	19.84	202	1376653	51.792	ng		97
79) Butylbenzylphthalate	20.72	149	474010	49.111	ng		96
80) Benzo(a)anthracene	21.67	228	1219681	47.338	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	235758	24.321	ng	#	99
82) Chrysene	21.74	228	1115556	47.289	ng		98
83) Bis(2-ethylhexyl)phthalate	21.58	149	562694	41.259	ng		99
84) Di-n-octyl phthalate	22.80	149	966729	41.318	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.60	276	1284870	46.505	ng	#	85
87) Benzo(b)fluoranthene	23.90	252	1138652	49.008	ng	#	96
88) Benzo(k)fluoranthene	23.97	252	1053109	46.335	ng	#	97
89) Benzo(a)pyrene	24.78	252	1088961	49.809	ng	#	96
90) Dibenzo(a,h)anthracene	28.67	278	1043256	48.339	ng	#	93
91) Benzo(g,h,i)perylene	29.76	276	1058357	50.108	ng	#	92

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

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