Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
Data File : BG040613.D
Acq On : 25 Apr 2019 16:45
Operator : JU/SJ
Sample : K2535-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S37-0016MS

Manual Integrations APPROVED
Sohil
4/30/2019 6:59:36 PM

Quant Time: Apr 26 00:41:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	46451	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	197150	20.00	ng		0.00
39) Acenaphthene-d10	14.79	164	154595	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	395612	20.00	ng		0.00
76) Chrysene-d12	21.82	240	384945	20.00	ng		0.00
87) Perylene-d12	25.21	264	420913	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	181364	68.83	ng		0.00
7) Phenol-d6	7.29	99	185369	45.69	ng		0.00
23) Nitrobenzene-d5	9.33	82	401580	94.12	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	281191	132.33	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	859513	80.29	ng		0.00
79) Terphenyl-d14	20.13	244	1637235	94.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	22455	18.737	ng		97
3) Pyridine	3.96	79	48657	14.008	ng		98
4) n-Nitrosodimethylamine	3.88	42	37177	19.296	ng		97
6) Aniline	7.48	93	75675	14.072	ng		96
8) 2-Chlorophenol	7.71	128	117090	36.391	ng		93
9) Benzaldehyde	7.29	77	44047	13.776	ng		91
10) Phenol	7.32	94	68214	15.640	ng		95
11) bis(2-Chloroethyl)ether	7.57	93	140393	42.926	ng		96
12) 1,3-Dichlorobenzene	8.04	146	126018	35.883	ng		100
13) 1,4-Dichlorobenzene	8.19	146	125681	35.302	ng		99
14) 1,2-Dichlorobenzene	8.51	146	124513	36.265	ng		97
15) Benzyl Alcohol	8.39	79	122660	29.055	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	280054	43.009	ng		97
17) 2-Methylphenol	8.58	107	101121	32.762	ng		97
18) Hexachloroethane	9.24	117	48023	32.883	ng		92
19) n-Nitroso-di-n-propylamine	8.96	70	156430	42.830	ng		96
20) 3+4-Methylphenols	8.91	107	129116	30.029	ng		97
22) Acetophenone	8.99	105	257066	46.891	ng	#	99
24) Nitrobenzene	9.38	77	215233	47.279	ng		97
25) Isophorone	9.90	82	432631	45.520	ng		99
26) 2-Nitrophenol	10.08	139	76056	46.608	ng		89
27) 2,4-Dimethylphenol	10.13	122	149687	48.889	ng		96
28) bis(2-Chloroethoxy)methane	10.38	93	216087	45.316	ng		99
29) 2,4-Dichlorophenol	10.61	162	160715	46.172	ng		99
30) 1,2,4-Trichlorobenzene	10.84	180	147547	38.224	ng		97
31) Naphthalene	11.03	128	431821	41.228	ng		98
32) Benzoic acid	10.21	122	38164	18.208	ng		93
33) 4-Chloroaniline	11.14	127	48465	10.436	ng	#	89
34) Hexachlorobutadiene	11.30	225	97072	34.064	ng		98
35) Caprolactam	11.93	113	11024m	8.022	ng		
36) 4-Chloro-3-methylphenol	12.23	107	193350	44.032	ng		99
37) 2-Methylnaphthalene	12.63	142	340414	43.469	ng		99
38) 1-Methylnaphthalene	12.85	142	326616	42.670	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	220809	38.341	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	267897	78.832	ng		99
43) 2,4,6-Trichlorophenol	13.22	196	160114	46.007	ng		100
44) 2,4,5-Trichlorophenol	13.29	196	171468	45.228	ng		96
46) 1,1'-Biphenyl	13.62	154	484586	40.372	ng		97
47) 2-Chloronaphthalene	13.67	162	378509	40.295	ng		99
48) 2-Nitroaniline	13.87	65	175239	52.409	ng		94
49) Acenaphthylene	14.51	152	641987	40.283	ng		99
50) Dimethylphthalate	14.24	163	571713	44.200	ng		100
51) 2,6-Dinitrotoluene	14.36	165	120620	47.781	ng		90
52) Acenaphthene	14.85	154	389873	42.007	ng		94
53) 3-Nitroaniline	14.69	138	29453	11.387	ng		98
54) 2,4-Dinitrophenol	14.90	184	121827	85.079	ng	#	79
55) Dibenzofuran	15.18	168	651921	42.885	ng		98
56) 4-Nitrophenol	14.97	139	77308	34.469	ng		95
57) 2,4-Dinitrotoluene	15.14	165	175599	51.190	ng	#	94
58) Fluorene	15.83	166	529050	43.058	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	182062	47.711	ng		98
60) Diethylphthalate	15.59	149	610151	44.709	ng		100
61) 4-Chlorophenyl-phenylether	15.82	204	313680	43.895	ng		95
62) 4-Nitroaniline	15.86	138	122820	42.448	ng		97
63) Azobenzene	16.11	77	626951	44.608	ng		97
65) 4,6-Dinitro-2-methylphenol	15.90	198	88748	45.894	ng		97
66) n-Nitrosodiphenylamine	16.04	169	494898	42.519	ng		99
67) 4-Bromophenyl-phenylether	16.72	248	209959	42.599	ng		96
68) Hexachlorobenzene	16.82	284	213768	41.945	ng		97
69) Atrazine	16.98	200	214282	46.467	ng		99
70) Pentachlorophenol	17.17	266	266319	89.302	ng		98
71) Phenanthrene	17.58	178	925638	43.439	ng		98
72) Anthracene	17.67	178	958584	44.754	ng		99
73) Carbazole	17.93	167	857719	43.954	ng		99
74) Di-n-butylphthalate	18.47	149	1043386	44.299	ng		99
75) Fluoranthene	19.58	202	1186395	44.678	ng		99
77) Benzidine	19.76	184	264160	25.063	ng		99
78) Pyrene	19.94	202	1191739	49.395	ng		99
80) Butylbenzylphthalate	20.81	149	474302	50.439	ng		99
81) Benzo(a)anthracene	21.81	228	1143160	46.988	ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	154578	17.826	ng		97
83) Chrysene	21.88	228	1117793	48.311	ng		99
84) Bis(2-ethylhexyl)phthalate	21.69	149	660640	48.670	ng		97
85) Di-n-octyl phthalate	22.96	149	1141926	49.952	ng		98
86) Indeno(1,2,3-cd)pyrene	29.11	276	1380970	49.366	ng	#	92
88) Benzo(b)fluoranthene	24.12	252	1180416	45.892	ng		99
89) Benzo(k)fluoranthene	24.20	252	1126943	46.914	ng		99
90) Benzo(a)pyrene	25.05	252	1143870	46.981	ng		99
91) Dibenzo(a,h)anthracene	29.18	278	1129878	45.858	ng		97
92) Benzo(g,h,i)perylene	30.34	276	1123925	45.834	ng		99

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

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