Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
Data File : BG037505.D
Acq On : 24 Oct 2018 10:56
Operator : JU/SJ
Sample : PB114112BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114112BS

Manual Integrations APPROVED
Sohil
10/24/2018 1:43:06 PM

Quant Time: Oct 24 11:44:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	71186	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	347475	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	229638	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	541702	20.00	ng		0.00
76) Chrysene-d12	21.77	240	473340	20.00	ng		0.00
87) Perylene-d12	25.11	264	484233	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	656125	154.10	ng		0.00
7) Phenol-d6	7.26	99	918847	142.71	ng		0.00
23) Nitrobenzene-d5	9.29	82	480835	77.52	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	336804	134.47	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	1136727	74.64	ng		0.00
79) Terphenyl-d14	20.08	244	1349282	60.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	53666	24.853	ng		98
3) Pyridine	3.93	79	151762	27.885	ng		96
4) n-Nitrosodimethylamine	3.85	42	89968	46.411	ng	#	95
6) Aniline	7.43	93	304648	38.786	ng		97
8) 2-Chlorophenol	7.67	128	235713	47.321	ng		97
9) Benzaldehyde	7.24	77	117215	29.103	ng		93
10) Phenol	7.29	94	321241	47.288	ng		99
11) bis(2-Chloroethyl)ether	7.53	93	215163	41.702	ng		94
12) 1,3-Dichlorobenzene	7.99	146	218010	39.314	ng		98
13) 1,4-Dichlorobenzene	8.14	146	226910	40.003	ng		98
14) 1,2-Dichlorobenzene	8.46	146	218690	40.079	ng		100
15) Benzyl Alcohol	8.35	79	221553	46.570	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.63	45	403942	43.755	ng		98
17) 2-Methylphenol	8.54	107	219574	48.890	ng		99
18) Hexachloroethane	9.19	117	80943	41.857	ng		94
19) n-Nitroso-di-n-propylamine	8.91	70	183787	41.453	ng		96
20) 3+4-Methylphenols	8.87	107	303371	47.245	ng		98
22) Acetophenone	8.94	105	347280	39.851	ng	#	99
24) Nitrobenzene	9.33	77	263119	40.833	ng		96
25) Isophorone	9.85	82	526652	46.468	ng		97
26) 2-Nitrophenol	10.04	139	132848	45.764	ng		99
27) 2,4-Dimethylphenol	10.08	122	258014	49.781	ng		98
28) bis(2-Chloroethoxy)methane	10.33	93	318582	42.904	ng		100
29) 2,4-Dichlorophenol	10.57	162	256882	44.514	ng		97
30) 1,2,4-Trichlorobenzene	10.78	180	243907	38.866	ng		96
31) Naphthalene	10.98	128	722252	42.318	ng		99
32) Benzoic acid	10.23	122	187870	55.807	ng		99
33) 4-Chloroaniline	11.09	127	203046	25.320	ng		96
34) Hexachlorobutadiene	11.24	225	140064	37.658	ng		95
35) Caprolactam	11.89	113	100474m	43.411	ng		
36) 4-Chloro-3-methylphenol	12.19	107	287273	44.141	ng		97
37) 2-Methylnaphthalene	12.57	142	550152	44.220	ng		100
38) 1-Methylnaphthalene	12.80	142	529618	43.835	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	280934	37.928	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	330034	93.278	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	219568	44.370	ng		97
44) 2,4,5-Trichlorophenol	13.24	196	238516	44.270	ng		96
46) 1,1'-Biphenyl	13.58	154	719691	37.843	ng		98
47) 2-Chloronaphthalene	13.63	162	565841	39.327	ng		98
48) 2-Nitroaniline	13.83	65	192270	44.067	ng		96
49) Acenaphthylene	14.47	152	934671	43.185	ng		99
50) Dimethylphthalate	14.19	163	743896	41.874	ng		100
51) 2,6-Dinitrotoluene	14.32	165	168470	42.867	ng		98
52) Acenaphthene	14.81	154	549465	41.222	ng		98
53) 3-Nitroaniline	14.65	138	150217	34.431	ng	#	98
54) 2,4-Dinitrophenol	14.85	184	166263	88.853	ng		94
55) Dibenzofuran	15.14	168	873255	39.541	ng		98
56) 4-Nitrophenol	14.95	139	300593	93.080	ng		97
57) 2,4-Dinitrotoluene	15.11	165	236197	45.785	ng		97
58) Fluorene	15.79	166	709277	42.887	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	207888	45.065	ng		98
60) Diethylphthalate	15.55	149	759433	41.639	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	371100	38.498	ng		99
62) 4-Nitroaniline	15.82	138	191050	44.069	ng		91
63) Azobenzene	16.07	77	717442	41.228	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	128890	45.813	ng		97
66) n-Nitrosodiphenylamine	15.99	169	658429	40.408	ng		98
67) 4-Bromophenyl-phenylether	16.67	248	236938	39.830	ng		98
68) Hexachlorobenzene	16.78	284	237778	38.567	ng		98
69) Atrazine	16.93	200	251685	42.721	ng		98
70) Pentachlorophenol	17.13	266	306211	74.147	ng		98
71) Phenanthrene	17.53	178	1151913	41.841	ng		97
72) Anthracene	17.62	178	1170077	43.308	ng		97
73) Carbazole	17.89	167	1072646	39.690	ng		98
74) Di-n-butylphthalate	18.43	149	1278590	42.529	ng		99
75) Fluoranthene	19.54	202	1310377	41.965	ng		98
77) Benzidine	19.72	184	655727	40.742	ng		99
78) Pyrene	19.89	202	1253677	40.516	ng		97
80) Butylbenzylphthalate	20.77	149	588189	46.447	ng		97
81) Benzo(a)anthracene	21.75	228	1215285	43.407	ng		98
82) 3,3'-Dichlorobenzidine	21.67	252	338836	31.223	ng		98
83) Chrysene	21.82	228	1136975	42.233	ng		98
84) Bis(2-ethylhexyl)phthalate	21.63	149	811448	45.713	ng		98
85) Di-n-octyl phthalate	22.87	149	1363726	47.113	ng		100
86) Indeno(1,2,3-cd)pyrene	28.94	276	1327556	45.976	ng		99
88) Benzo(b)fluoranthene	24.04	252	1218224	45.889	ng		98
89) Benzo(k)fluoranthene	24.11	252	1137880	43.749	ng		98
90) Benzo(a)pyrene	24.95	252	1175076	46.582	ng		98
91) Dibenzo(a,h)anthracene	29.02	278	1079706	46.400	ng		98
92) Benzo(g,h,i)perylene	30.15	276	1105028	46.939	ng		99

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

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