Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
Data File : BG044600.D
Acq On : 26 Feb 2020 12:34
Operator : CG/JU
Sample : PB127061BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB127061BSD

Manual Integrations APPROVED
mohammad
2/27/2020 4:58:51 PM

Quant Time: Feb 27 07:00:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	74612	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	313124	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	201975	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	459501	20.00	ng	0.00
76) Chrysene-d12	21.50	240	436283	20.00	ng	0.00
87) Perylene-d12	24.57	264	390516	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	560083	120.44	ng	0.00
7) Phenol-d6	7.05	99	728295	114.42	ng	0.00
23) Nitrobenzene-d5	9.03	82	384846	63.32	ng	0.00
42) 2,4,6-Tribromophenol	16.00	330	306118	106.89	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	879235	62.34	ng	0.00
79) Terphenyl-d14	19.88	244	1473081	63.92	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	74642	36.783	ng	98
3) Pyridine	3.72	79	150065	26.503	ng	100
4) n-Nitrosodimethylamine	3.63	42	84273	39.187	ng	99
6) Aniline	7.19	93	230043	29.684	ng	98
8) 2-Chlorophenol	7.44	128	224179	44.162	ng	98
9) Benzaldehyde	7.00	77	52604	14.054	ng	99
10) Phenol	7.08	94	269779	43.735	ng	99
11) bis(2-Chloroethyl)ether	7.29	93	207257	39.967	ng	97
12) 1,3-Dichlorobenzene	7.76	146	227987	37.656	ng	98
13) 1,4-Dichlorobenzene	7.90	146	230022	37.803	ng	97
14) 1,2-Dichlorobenzene	8.23	146	220468	38.100	ng	96
15) Benzyl Alcohol	8.11	79	180934	42.147	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.40	45	265950	38.161	ng	99
17) 2-Methylphenol	8.33	107	189095	42.911	ng	96
18) Hexachloroethane	8.95	117	83998	37.773	ng	96
19) n-Nitroso-di-n-propylamine	8.68	70	157575	38.512	ng	99
20) 3+4-Methylphenols	8.65	107	255480	42.346	ng	98
22) Acetophenone	8.70	105	302536	38.483	ng	99
24) Nitrobenzene	9.07	77	227802	38.687	ng	99
25) Isophorone	9.59	82	434177	38.186	ng	99
26) 2-Nitrophenol	9.78	139	129574	40.575	ng	98
27) 2,4-Dimethylphenol	9.85	122	206324	46.015	ng	99
28) bis(2-Chloroethoxy)methane	10.08	93	272882	36.292	ng	100
29) 2,4-Dichlorophenol	10.33	162	218632	40.784	ng	98
30) 1,2,4-Trichlorobenzene	10.53	180	226485	36.532	ng	100
31) Naphthalene	10.72	128	651154	38.110	ng	98
32) Benzoic acid	10.03	122	106749	56.120	ng	97
33) 4-Chloroaniline	10.83	127	146754	19.501	ng	99
34) Hexachlorobutadiene	11.02	225	134962	34.665	ng	99
35) Caprolactam	11.60	113	79263m	41.303	ng	
36) 4-Chloro-3-methylphenol	11.97	107	222790	40.375	ng	96
37) 2-Methylnaphthalene	12.33	142	481555	38.135	ng	98
38) 1-Methylnaphthalene	12.56	142	456955	38.084	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	245079	36.044	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	193029	61.758	ng	98
43) 2,4,6-Trichlorophenol	12.95	196	174131	39.441	ng	100
44) 2,4,5-Trichlorophenol	13.03	196	188624	41.591	ng	98
46) 1,1'-Biphenyl	13.35	154	599637	35.876	ng	98
47) 2-Chloronaphthalene	13.39	162	476801	36.378	ng	99
48) 2-Nitroaniline	13.59	65	137902	37.903	ng	97
49) Acenaphthylene	14.24	152	739257	38.210	ng	100
50) Dimethylphthalate	13.97	163	608976	37.356	ng	100
51) 2,6-Dinitrotoluene	14.09	165	139059	38.678	ng	99
52) Acenaphthene	14.58	154	454207	36.829	ng	100
53) 3-Nitroaniline	14.42	138	109097	28.136	ng	99
54) 2,4-Dinitrophenol	14.63	184	172899	80.631	ng	98
55) Dibenzofuran	14.91	168	717425	37.945	ng	98
56) 4-Nitrophenol	14.75	139	265739	99.632	ng	100
57) 2,4-Dinitrotoluene	14.88	165	197560	39.084	ng	99
58) Fluorene	15.56	166	571103	38.097	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	171715	41.115	ng	98
60) Diethylphthalate	15.34	149	606822	37.568	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	301713	37.016	ng	98
62) 4-Nitroaniline	15.59	138	144030	37.096	ng	99
63) Azobenzene	15.85	77	528811	38.468	ng	98
65) 4,6-Dinitro-2-methylphenol	15.65	198	126256	44.375	ng	97
66) n-Nitrosodiphenylamine	15.77	169	538379	37.562	ng	98
67) 4-Bromophenyl-phenylether	16.45	248	202020	35.419	ng	98
68) Hexachlorobenzene	16.57	284	225298	34.937	ng	98
69) Atrazine	16.73	200	209814	39.597	ng	99
70) Pentachlorophenol	16.92	266	262405	82.871	ng	97
71) Phenanthrene	17.30	178	949711	37.332	ng	99
72) Anthracene	17.39	178	971084	38.735	ng	98
73) Carbazole	17.66	167	912285	39.978	ng	100
74) Di-n-butylphthalate	18.23	149	1112296	38.898	ng	98
75) Fluoranthene	19.31	202	1192608	39.602	ng	98
77) Benzidine	19.49	184	250429	16.757	ng	98
78) Pyrene	19.68	202	1200712	37.913	ng	98
80) Butylbenzylphthalate	20.56	149	520901	37.602	ng	97
81) Benzo(a)anthracene	21.49	228	1143003	37.276	ng	98
82) 3,3'-Dichlorobenzidine	21.40	252	366859	30.284	ng	99
83) Chrysene	21.55	228	1095091	36.937	ng	99
84) Bis(2-ethylhexyl)phthalate	21.40	149	724162	37.938	ng	99
85) Di-n-octyl phthalate	22.56	149	1283314	38.213	ng	99
86) Indeno(1,2,3-cd)pyrene	28.05	276	1395369	36.674	ng	99
88) Benzo(b)fluoranthene	23.60	252	1200347	46.750	ng	99
89) Benzo(k)fluoranthene	23.67	252	1211447	48.628	ng	100
90) Benzo(a)pyrene	24.43	252	1112885	46.132	ng	99
91) Dibenzo(a,h)anthracene	28.10	278	1169423	49.016	ng	99
92) Benzo(g,h,i)perylene	29.13	276	1184654	49.560	ng	99

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

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