Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
Data File : BG045620.D
Acq On : 5 Jun 2020 17:29
Operator : CG/JU
Sample : PB129333BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129333BSD

Manual Integrations APPROVED
mohammad
6/8/2020 12:50:13 PM

Quant Time: Jun 05 18:30:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	65020	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	248274	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	174673	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	403105	20.00	ng		0.00
76) Chrysene-d12	21.61	240	381425	20.00	ng		0.00
87) Perylene-d12	24.75	264	414255	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	602537	181.10	ng		0.00
7) Phenol-d6	7.15	99	830345	175.35	ng		0.00
23) Nitrobenzene-d5	9.12	82	535963	117.72	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	391139	175.09	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1168771	113.50	ng		0.00
79) Terphenyl-d14	19.96	244	1927285	117.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	80801	48.98	ng		93
3) Pyridine	3.81	79	188839	41.10	ng		96
4) n-Nitrosodimethylamine	3.72	42	86663	57.64	ng		97
6) Aniline	7.28	93	270041	43.68	ng		97
8) 2-Chlorophenol	7.53	128	219325	60.11	ng		98
9) Benzaldehyde	7.09	77	135212	43.83	ng		97
10) Phenol	7.18	94	290670	59.56	ng		99
11) bis(2-Chloroethyl)ether	7.37	93	201425	52.91	ng		94
12) 1,3-Dichlorobenzene	7.85	146	235806	53.78	ng		98
13) 1,4-Dichlorobenzene	7.99	146	239307	55.31	ng		98
14) 1,2-Dichlorobenzene	8.31	146	223035	53.59	ng		98
15) Benzyl Alcohol	8.20	79	224185	57.31	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	188822	52.26	ng		97
17) 2-Methylphenol	8.42	107	193323	52.92	ng		98
18) Hexachloroethane	9.04	117	91681	55.32	ng		95
19) n-Nitroso-di-n-propylamine	8.76	70	180098	55.00	ng		96
20) 3+4-Methylphenols	8.75	107	261829	52.64	ng		95
22) Acetophenone	8.78	105	329911	56.07	ng	#	97
24) Nitrobenzene	9.16	77	274325	56.24	ng		96
25) Isophorone	9.69	82	492540	54.93	ng		98
26) 2-Nitrophenol	9.87	139	120839	57.91	ng		93
27) 2,4-Dimethylphenol	9.95	122	200190	64.68	ng		96
28) bis(2-Chloroethoxy)methane	10.17	93	268712	57.15	ng		98
29) 2,4-Dichlorophenol	10.43	162	218977	59.92	ng		99
30) 1,2,4-Trichlorobenzene	10.63	180	240134	55.61	ng		96
31) Naphthalene	10.81	128	651448	56.31	ng		99
32) Benzoic acid	10.14	122	124573	56.85	ng		93
33) 4-Chloroaniline	10.92	127	143613	29.70	ng		96
34) Hexachlorobutadiene	11.10	225	166883	54.67	ng		98
35) Caprolactam	11.70	113	75816m	56.52	ng		
36) 4-Chloro-3-methylphenol	12.08	107	247505	60.10	ng		94
37) 2-Methylnaphthalene	12.42	142	487054	56.48	ng		97
38) 1-Methylnaphthalene	12.64	142	459532m	56.41	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	275843	56.54	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	328434	116.63	ng		99
43) 2,4,6-Trichlorophenol	13.04	196	196074	57.85	ng		98
44) 2,4,5-Trichlorophenol	13.12	196	200783	51.84	ng		98
46) 1,1'-Biphenyl	13.43	154	619126	57.69	ng		98
47) 2-Chloronaphthalene	13.47	162	477208	54.75	ng		99
48) 2-Nitroaniline	13.68	65	160848	56.11	ng		93
49) Acenaphthylene	14.32	152	794275	56.74	ng		99
50) Dimethylphthalate	14.06	163	649451	54.20	ng		99
51) 2,6-Dinitrotoluene	14.17	165	151918	56.19	ng		98
52) Acenaphthene	14.66	154	467963	49.94	ng		96
53) 3-Nitroaniline	14.51	138	100341	36.51	ng	#	92
54) 2,4-Dinitrophenol	14.72	184	180422	100.37	ng		94
55) Dibenzofuran	15.00	168	760783	54.67	ng		98
56) 4-Nitrophenol	14.85	139	229523	110.30	ng		92
57) 2,4-Dinitrotoluene	14.97	165	211486	54.01	ng		98
58) Fluorene	15.65	166	633530	55.41	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	196497	57.67	ng		99
60) Diethylphthalate	15.42	149	672766	53.94	ng		98
61) 4-Chlorophenyl-phenylether	15.64	204	351614	53.75	ng		99
62) 4-Nitroaniline	15.68	138	150898	52.59	ng		99
63) Azobenzene	15.94	77	648559	55.77	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	142776	60.82	ng		96
66) n-Nitrosodiphenylamine	15.86	169	566376	58.52	ng		97
67) 4-Bromophenyl-phenylether	16.53	248	246187	56.40	ng		97
68) Hexachlorobenzene	16.66	284	265159	58.08	ng		96
69) Atrazine	16.81	200	215867	54.15	ng		97
70) Pentachlorophenol	17.01	266	293547	123.83	ng		98
71) Phenanthrene	17.39	178	1014255	57.64	ng		99
72) Anthracene	17.48	178	1038379	58.76	ng		98
73) Carbazole	17.75	167	962708	55.89	ng		100
74) Di-n-butylphthalate	18.31	149	1139146	55.10	ng		99
75) Fluoranthene	19.40	202	1257926	56.20	ng		99
77) Benzidine	19.58	184	623165	58.17	ng		99
78) Pyrene	19.76	202	1257573	57.84	ng		99
80) Butylbenzylphthalate	20.65	149	521635	55.58	ng		98
81) Benzo(a)anthracene	21.59	228	1242037	58.45	ng		98
82) 3,3'-Dichlorobenzidine	21.50	252	349022	41.88	ng		99
83) Chrysene	21.65	228	1152034	56.39	ng		98
84) Bis(2-ethylhexyl)phthalate	21.50	149	735537	57.02	ng		98
85) Di-n-octyl phthalate	22.69	149	1227575	55.40	ng		100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1527003	57.16	ng	#	96
88) Benzo(b)fluoranthene	23.76	252	1286459	57.90	ng		97
89) Benzo(k)fluoranthene	23.83	252	1269372	60.82	ng		100
90) Benzo(a)pyrene	24.61	252	1185807	57.31	ng		97
91) Dibenzo(a,h)anthracene	28.39	278	1242050	59.73	ng		99
92) Benzo(g,h,i)perylene	29.44	276	1252504	60.23	ng		99

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

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