Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042920\
Data File : BG045206.D
Acq On : 29 Apr 2020 15:39
Operator : CG/JU
Sample : PB128538BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB128538BSD

Manual Integrations APPROVED
mohammad
4/30/2020 1:37:50 PM

Quant Time: Apr 29 17:33:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 12:24:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	60949	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	256389	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	201417	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	488235	20.00	ng		0.00
76) Chrysene-d12	21.65	240	450834	20.00	ng		0.00
87) Perylene-d12	24.81	264	499892	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	340137	92.13	ng		0.00
7) Phenol-d6	7.16	99	485759	88.56	ng		0.00
23) Nitrobenzene-d5	9.15	82	436996	77.77	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	263961	84.83	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	1087244	79.15	ng		0.00
79) Terphenyl-d14	19.99	244	1949878	94.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	56888	34.674	ng		98
3) Pyridine	3.84	79	163454	32.357	ng		94
4) n-Nitrosodimethylamine	3.76	42	66644	43.066	ng	#	90
6) Aniline	7.31	93	234937	32.943	ng		99
8) 2-Chlorophenol	7.56	128	193093	48.667	ng		98
9) Benzaldehyde	7.12	77	76126	20.394	ng		98
10) Phenol	7.18	94	262976	47.912	ng		98
11) bis(2-Chloroethyl)ether	7.41	93	176809	40.459	ng		98
12) 1,3-Dichlorobenzene	7.88	146	200222	42.825	ng		97
13) 1,4-Dichlorobenzene	8.02	146	205093	44.024	ng		100
14) 1,2-Dichlorobenzene	8.35	146	193279	43.366	ng		94
15) Benzyl Alcohol	8.22	79	191505	41.643	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	162410	37.860	ng		94
17) 2-Methylphenol	8.43	107	175776	41.507	ng		96
18) Hexachloroethane	9.08	117	76722	43.807	ng		95
19) n-Nitroso-di-n-propylamine	8.80	70	157476	40.597	ng		99
20) 3+4-Methylphenols	8.76	107	246707	41.620	ng		97
22) Acetophenone	8.81	105	288081	41.550	ng		98
24) Nitrobenzene	9.19	77	242950	42.181	ng		95
25) Isophorone	9.71	82	458781	39.870	ng		98
26) 2-Nitrophenol	9.91	139	113239	45.643	ng		98
27) 2,4-Dimethylphenol	9.97	122	182930	46.469	ng		98
28) bis(2-Chloroethoxy)methane	10.20	93	251589	41.613	ng		100
29) 2,4-Dichlorophenol	10.45	162	212651	46.782	ng		98
30) 1,2,4-Trichlorobenzene	10.66	180	220661	42.876	ng		96
31) Naphthalene	10.85	128	590122	42.074	ng		99
32) Benzoic acid	10.11	122	126820	40.957	ng		95
33) 4-Chloroaniline	10.95	127	138210	21.129	ng		96
34) Hexachlorobutadiene	11.14	225	150114	42.543	ng		98
35) Caprolactam	11.72	113	76701m	42.397	ng		
36) 4-Chloro-3-methylphenol	12.08	107	255021	47.758	ng		99
37) 2-Methylnaphthalene	12.46	142	469782	43.153	ng		96
38) 1-Methylnaphthalene	12.68	142	452808	44.059	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	262053	40.408	ng		99

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Quant Time: Apr 29 17:33:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 12:24:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	365892	90.271 ng		100
43) 2,4,6-Trichlorophenol	13.06	196	201232	43.966 ng		97
44) 2,4,5-Trichlorophenol	13.14	196	212251	40.741 ng		99
46) 1,1'-Biphenyl	13.46	154	618001	40.368 ng		99
47) 2-Chloronaphthalene	13.50	162	478526	40.908 ng		98
48) 2-Nitroaniline	13.70	65	159759	41.509 ng		98
49) Acenaphthylene	14.36	152	805387	42.269 ng		99
50) Dimethylphthalate	14.09	163	682155	41.594 ng		99
51) 2,6-Dinitrotoluene	14.20	165	156356	42.624 ng		95
52) Acenaphthene	14.70	154	622746m	48.306 ng		
53) 3-Nitroaniline	14.53	138	110086	27.363 ng		99
54) 2,4-Dinitrophenol	14.74	184	208288	95.489 ng		96
55) Dibenzofuran	15.03	168	803119	42.730 ng		99
56) 4-Nitrophenol	14.85	139	261284	83.759 ng		96
57) 2,4-Dinitrotoluene	14.99	165	225250	42.018 ng		96
58) Fluorene	15.68	166	667729	43.494 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	219914	47.441 ng		98
60) Diethylphthalate	15.45	149	715787	41.861 ng		100
61) 4-Chlorophenyl-phenylether	15.67	204	367157	41.550 ng		99
62) 4-Nitroaniline	15.70	138	160444	38.449 ng		97
63) Azobenzene	15.97	77	679863	43.126 ng		98
65) 4,6-Dinitro-2-methylphenol	15.76	198	148347	46.226 ng		99
66) n-Nitrosodiphenylamine	15.89	169	604347	43.082 ng		99
67) 4-Bromophenyl-phenylether	16.57	248	261852	41.573 ng		97
68) Hexachlorobenzene	16.69	284	287417	43.998 ng		100
69) Atrazine	16.84	200	252920	49.959 ng		99
70) Pentachlorophenol	17.03	266	357860	89.300 ng		97
71) Phenanthrene	17.42	178	1110313	44.255 ng		99
72) Anthracene	17.52	178	1124265	44.672 ng		99
73) Carbazole	17.78	167	1040824	40.753 ng		98
74) Di-n-butylphthalate	18.34	149	1246706	44.819 ng		99
75) Fluoranthene	19.43	202	1393672	47.619 ng		99
77) Benzidine	19.61	184	763880	60.558 ng		98
78) Pyrene	19.79	202	1356931	43.658 ng		98
80) Butylbenzylphthalate	20.68	149	554177	43.015 ng		99
81) Benzo(a)anthracene	21.62	228	1288212	44.086 ng		99
82) 3,3'-Dichlorobenzidine	21.54	252	373360	32.102 ng		98
83) Chrysene	21.69	228	1263388	45.000 ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	781069	44.081 ng		100
85) Di-n-octyl phthalate	22.74	149	1341094	43.768 ng		100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1677742	45.009 ng	#	96
88) Benzo(b)fluoranthene	23.81	252	1430125	45.672 ng		99
89) Benzo(k)fluoranthene	23.88	252	1357572	45.589 ng		99
90) Benzo(a)pyrene	24.67	252	1314135	44.450 ng	#	98
91) Dibenzo(a,h)anthracene	28.48	278	1342153	45.053 ng		95
92) Benzo(g,h,i)perylene	29.55	276	1356490	45.418 ng		98

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

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