Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062520\
Data File : BG045860.D
Acq On : 25 Jun 2020 16:45
Operator : CG/JU
Sample : PB129763BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129763BSD

Manual Integrations APPROVED
mohammad
6/26/2020 12:37:38 PM

Quant Time: Jun 25 17:22:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 15:44:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	51771	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	201977	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	138756	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	328267	20.00	ng		0.00
76) Chrysene-d12	21.58	240	311364	20.00	ng		0.00
86) Perylene-d12	24.69	264	342624	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	446420	145.66	ng		0.00
7) Phenol-d6	7.14	99	605679	129.92	ng		0.00
23) Nitrobenzene-d5	9.07	82	394570	89.24	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	269591	128.69	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	843860	89.37	ng		0.00
79) Terphenyl-d14	19.93	244	1436547	93.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	56584	40.311	ng		95
3) Pyridine	3.76	79	155362	37.351	ng		99
4) n-Nitrosodimethylamine	3.68	42	65149	46.661	ng	#	92
6) Aniline	7.24	93	227177	41.387	ng		95
8) 2-Chlorophenol	7.50	128	155008	47.252	ng		92
9) Benzaldehyde	7.05	77	90671	32.383	ng		99
10) Phenol	7.16	94	205509	45.497	ng		93
11) bis(2-Chloroethyl)ether	7.34	93	142601	41.564	ng		98
12) 1,3-Dichlorobenzene	7.80	146	169623	43.389	ng		98
13) 1,4-Dichlorobenzene	7.95	146	173149	44.342	ng		98
14) 1,2-Dichlorobenzene	8.27	146	160788	43.011	ng		99
15) Benzyl Alcohol	8.17	79	157709	43.716	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	132823	41.077	ng		82
17) 2-Methylphenol	8.40	107	137516	40.909	ng		98
18) Hexachloroethane	8.99	117	66437	44.797	ng		96
19) n-Nitroso-di-n-propylamine	8.72	70	127826	41.707	ng		96
20) 3+4-Methylphenols	8.73	107	185396	41.936	ng	#	88
22) Acetophenone	8.74	105	237248	42.796	ng		98
24) Nitrobenzene	9.12	77	199040	42.222	ng		99
25) Isophorone	9.64	82	352729	41.211	ng		99
26) 2-Nitrophenol	9.83	139	86283	43.933	ng		92
27) 2,4-Dimethylphenol	9.92	122	138344	46.138	ng		99
28) bis(2-Chloroethoxy)methane	10.13	93	192165	42.982	ng		98
29) 2,4-Dichlorophenol	10.40	162	156264	44.668	ng		98
30) 1,2,4-Trichlorobenzene	10.58	180	176224	42.551	ng		98
31) Naphthalene	10.77	128	468686	42.444	ng		99
32) Benzoic acid	10.13	122	74256	40.021	ng		95
33) 4-Chloroaniline	10.89	127	162610	35.165	ng		97
34) Hexachlorobutadiene	11.06	225	122156	41.474	ng		98
35) Caprolactam	11.67	113	51187m	45.216	ng		
36) 4-Chloro-3-methylphenol	12.05	107	170610	42.239	ng		96
37) 2-Methylnaphthalene	12.38	142	351348	42.729	ng		97
38) 1-Methylnaphthalene	12.60	142	333537	42.864	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	196583	43.026	ng		99

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Quant Time: Jun 25 17:22:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 15:44:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	228841	89.552 ng		99
43) 2,4,6-Trichlorophenol	13.01	196	130996	42.288 ng		96
44) 2,4,5-Trichlorophenol	13.10	196	136723	38.726 ng		97
46) 1,1'-Biphenyl	13.39	154	435729	43.862 ng		98
47) 2-Chloronaphthalene	13.44	162	337454	42.052 ng		97
48) 2-Nitroaniline	13.65	65	114683	42.964 ng		96
49) Acenaphthylene	14.29	152	548087	42.641 ng		100
50) Dimethylphthalate	14.02	163	453956	41.762 ng		100
51) 2,6-Dinitrotoluene	14.14	165	106760	43.728 ng		94
52) Acenaphthene	14.63	154	333322	42.782 ng		98
53) 3-Nitroaniline	14.48	138	84706	34.735 ng		96
54) 2,4-Dinitrophenol	14.69	184	115477	84.420 ng		96
55) Dibenzofuran	14.97	168	546062	43.144 ng		99
56) 4-Nitrophenol	14.85	139	129842	74.598 ng		100
57) 2,4-Dinitrotoluene	14.94	165	151429	43.289 ng		99
58) Fluorene	15.61	166	457872	43.506 ng		97
59) 2,3,4,6-Tetrachlorophenol	15.21	232	133196	43.468 ng		98
60) Diethylphthalate	15.38	149	473576	42.618 ng		98
61) 4-Chlorophenyl-phenylether	15.61	204	248399	40.950 ng		98
62) 4-Nitroaniline	15.65	138	106125	42.403 ng		94
63) Azobenzene	15.90	77	457886	42.914 ng		99
65) 4,6-Dinitro-2-methylphenol	15.71	198	95909	47.276 ng		98
66) n-Nitrosodiphenylamine	15.82	169	399248	42.940 ng		99
67) 4-Bromophenyl-phenylether	16.50	248	174276	40.858 ng		98
68) Hexachlorobenzene	16.63	284	189825	42.918 ng		95
69) Atrazine	16.78	200	153183	42.457 ng		96
70) Pentachlorophenol	16.98	266	155008	71.914 ng		95
71) Phenanthrene	17.36	178	718368	42.431 ng		99
72) Anthracene	17.45	178	745518	44.221 ng		99
73) Carbazole	17.73	167	680246	42.376 ng		100
74) Di-n-butylphthalate	18.28	149	810045	42.618 ng		100
75) Fluoranthene	19.37	202	922200	44.298 ng		99
77) Benzidine	19.55	184	530135	65.493 ng		99
78) Pyrene	19.73	202	913336	43.805 ng		99
80) Butylbenzylphthalate	20.62	149	370206	42.419 ng		94
81) Benzo(a)anthracene	21.55	228	874402	43.315 ng		99
82) 3,3'-Dichlorobenzidine	21.48	252	290689	38.069 ng		97
83) Chrysene	21.62	228	845277	43.292 ng		99
84) Bis(2-ethylhexyl)phthalate	21.46	149	524957	43.244 ng	#	99
85) Di-n-octyl phthalate	22.64	149	898215	42.896 ng		100
87) Indeno(1,2,3-cd)pyrene	28.26	276	1108880	44.643 ng	#	95
88) Benzo(b)fluoranthene	23.71	252	957581	44.575 ng		99
89) Benzo(k)fluoranthene	23.78	252	930547	45.259 ng		98
90) Benzo(a)pyrene	24.55	252	877821	43.744 ng		99
91) Dibenzo(a,h)anthracene	28.31	278	893839	44.875 ng		99
92) Benzo(g,h,i)perylene	29.35	276	901013	45.194 ng		98

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

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