Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
Data File : BG046123.D
Acq On : 31 Jul 2020 13:20
Operator : CG/JU
Sample : PB130584BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB130584BS

Manual Integrations APPROVED
mohammad
8/3/2020 12:22:14 PM

Quant Time: Jul 31 14:06:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	78407	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	324648	20.00	ng		0.00
39) Acenaphthene-d10	14.58	164	221788	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	542863	20.00	ng		0.00
76) Chrysene-d12	21.57	240	603267	20.00	ng		0.00
86) Perylene-d12	24.67	264	637129	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	507434	112.50	ng		0.00
7) Phenol-d6	7.12	99	658042	107.05	ng		0.00
23) Nitrobenzene-d5	9.10	82	426233	71.08	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	348600	102.33	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	1029828	67.45	ng		0.00
79) Terphenyl-d14	19.94	244	1851441	62.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	67148	32.708	ng		97
3) Pyridine	3.83	79	154946	27.417	ng		98
4) n-Nitrosodimethylamine	3.75	42	99058	41.183	ng		94
6) Aniline	7.28	93	245407	33.538	ng		99
8) 2-Chlorophenol	7.52	128	208062	41.736	ng		99
9) Benzaldehyde	7.09	77	145670	39.936	ng		96
10) Phenol	7.15	94	262316	42.472	ng		98
11) bis(2-Chloroethyl)ether	7.37	93	193973	39.484	ng		96
12) 1,3-Dichlorobenzene	7.85	146	223433	36.976	ng		99
13) 1,4-Dichlorobenzene	7.99	146	230570	38.000	ng		100
14) 1,2-Dichlorobenzene	8.31	146	222797	38.933	ng		99
15) Benzyl Alcohol	8.19	79	182342	42.938	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	333067	41.353	ng		98
17) 2-Methylphenol	8.40	107	185789	44.558	ng		97
18) Hexachloroethane	9.04	117	80111	39.477	ng		93
19) n-Nitroso-di-n-propylamine	8.76	70	160909	40.221	ng		94
20) 3+4-Methylphenols	8.72	107	251828	44.126	ng		99
22) Acetophenone	8.77	105	306191	36.750	ng		99
24) Nitrobenzene	9.15	77	229766	35.941	ng		98
25) Isophorone	9.67	82	433513	36.334	ng		100
26) 2-Nitrophenol	9.86	139	112352	38.777	ng		96
27) 2,4-Dimethylphenol	9.93	122	198277	42.062	ng		99
28) bis(2-Chloroethoxy)methane	10.16	93	265660	40.949	ng		98
29) 2,4-Dichlorophenol	10.40	162	218856	39.469	ng		97
30) 1,2,4-Trichlorobenzene	10.61	180	228456	35.169	ng		99
31) Naphthalene	10.80	128	624402	36.350	ng		99
32) Benzoic acid	10.06	122	120178	37.290	ng		99
33) 4-Chloroaniline	10.90	127	155871	22.206	ng		99
34) Hexachlorobutadiene	11.10	225	142150	32.873	ng		98
35) Caprolactam	11.67	113	77560m	42.734	ng		
36) 4-Chloro-3-methylphenol	12.03	107	225529	41.445	ng		99
37) 2-Methylnaphthalene	12.41	142	488292	36.942	ng		99
38) 1-Methylnaphthalene	12.62	142	468956	37.493	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	268771	33.634	ng	#	98

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Quant Time: Jul 31 14:06:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	377031	82.256	ng		96
43) 2,4,6-Trichlorophenol	13.01	196	189092	37.089	ng		97
44) 2,4,5-Trichlorophenol	13.08	196	210924	37.917	ng		98
46) 1,1'-Biphenyl	13.42	154	632442	36.350	ng		99
47) 2-Chloronaphthalene	13.46	162	488931	35.230	ng		100
48) 2-Nitroaniline	13.65	65	152945	42.044	ng		99
49) Acenaphthylene	14.30	152	806685	37.433	ng		99
50) Dimethylphthalate	14.03	163	660502	38.801	ng		100
51) 2,6-Dinitrotoluene	14.15	165	151534	38.250	ng		99
52) Acenaphthene	14.65	154	577794	40.624	ng		99
53) 3-Nitroaniline	14.47	138	105905	26.965	ng		97
54) 2,4-Dinitrophenol	14.68	184	175870	70.946	ng	#	88
55) Dibenzofuran	14.98	168	780229	36.355	ng		99
56) 4-Nitrophenol	14.79	139	284069	83.306	ng		94
57) 2,4-Dinitrotoluene	14.93	165	212778	39.063	ng		97
58) Fluorene	15.63	166	647425	37.251	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	205765	39.271	ng		97
60) Diethylphthalate	15.40	149	668789	39.938	ng		99
61) 4-Chlorophenyl-phenylether	15.62	204	340410	37.501	ng		99
62) 4-Nitroaniline	15.64	138	161310	40.837	ng		96
63) Azobenzene	15.91	77	609653	38.847	ng		99
65) 4,6-Dinitro-2-methylphenol	15.70	198	133214	37.105	ng		99
66) n-Nitrosodiphenylamine	15.83	169	594157	36.157	ng		99
67) 4-Bromophenyl-phenylether	16.51	248	240077	35.797	ng		99
68) Hexachlorobenzene	16.64	284	269501	35.837	ng		99
69) Atrazine	16.78	200	222519	35.166	ng		98
70) Pentachlorophenol	16.98	266	378204	77.510	ng		99
71) Phenanthrene	17.37	178	1098931	36.955	ng		99
72) Anthracene	17.45	178	1134454	38.354	ng		99
73) Carbazole	17.72	167	1079553	37.850	ng		100
74) Di-n-butylphthalate	18.29	149	1246404	41.807	ng		100
75) Fluoranthene	19.38	202	1468657	39.559	ng		99
77) Benzidine	19.55	184	717215	41.972	ng		99
78) Pyrene	19.73	202	1489235	36.741	ng		99
80) Butylbenzylphthalate	20.63	149	598400	40.754	ng		97
81) Benzo(a)anthracene	21.55	228	1479356	36.644	ng		99
82) 3,3'-Dichlorobenzidine	21.47	252	375193	22.380	ng		99
83) Chrysene	21.62	228	1420233	35.912	ng		99
84) Bis(2-ethylhexyl)phthalate	21.48	149	831792	39.624	ng		100
85) Di-n-octyl phthalate	22.66	149	1425039	40.093	ng		98
87) Indeno(1,2,3-cd)pyrene	28.20	276	1848879	38.050	ng	#	94
88) Benzo(b)fluoranthene	23.70	252	1558552	36.504	ng		99
89) Benzo(k)fluoranthene	23.76	252	1563066	37.325	ng		100
90) Benzo(a)pyrene	24.53	252	1470124	37.004	ng		99
91) Dibenzo(a,h)anthracene	28.26	278	1528770	37.635	ng		99
92) Benzo(g,h,i)perylene	29.30	276	1556783	37.949	ng		98

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

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