Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
Data File : BG044018.D
Acq On : 13 Jan 2020 19:00
Operator : JU
Sample : PB126034BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126034BSD

Manual Integrations APPROVED
mohammad
1/14/2020 12:24:50 PM

Quant Time: Jan 14 10:26:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	98751	20.00	ng		-0.02
21) Naphthalene-d8	10.74	136	424314	20.00	ng		-0.02
39) Acenaphthene-d10	14.58	164	273295	20.00	ng		-0.02
64) Phenanthrene-d10	17.32	188	596610	20.00	ng		-0.02
76) Chrysene-d12	21.58	240	515314	20.00	ng		-0.01
87) Perylene-d12	24.72	264	505873	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	754837	140.35	ng		-0.01
7) Phenol-d6	7.12	99	985066	131.03	ng		0.00
23) Nitrobenzene-d5	9.11	82	616560	77.73	ng		-0.02
42) 2,4,6-Tribromophenol	16.07	330	378377	132.30	ng		-0.02
45) 2-Fluorobiphenyl	13.20	172	1341826	88.95	ng		-0.02
79) Terphenyl-d14	19.94	244	1953389	93.91	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	111091	47.373	ng		98
3) Pyridine	3.81	79	266501	38.470	ng		93
4) n-Nitrosodimethylamine	3.72	42	131272	42.562	ng		99
6) Aniline	7.27	93	346852	35.127	ng		94
8) 2-Chlorophenol	7.51	128	327910	51.934	ng		97
9) Benzaldehyde	7.08	77	177654m	36.922	ng		
10) Phenol	7.14	94	396480	51.187	ng		98
11) bis(2-Chloroethyl)ether	7.37	93	304552	45.550	ng		99
12) 1,3-Dichlorobenzene	7.84	146	335931	45.466	ng		99
13) 1,4-Dichlorobenzene	7.98	146	335004	45.953	ng		99
14) 1,2-Dichlorobenzene	8.30	146	319926	45.720	ng		98
15) Benzyl Alcohol	8.18	79	273585	46.111	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	405189	39.171	ng		99
17) 2-Methylphenol	8.39	107	279885	49.933	ng		98
18) Hexachloroethane	9.03	117	127008	44.773	ng		95
19) n-Nitroso-di-n-propylamine	8.75	70	233925	41.783	ng	#	97
20) 3+4-Methylphenols	8.72	107	385436	49.292	ng		96
22) Acetophenone	8.76	105	442622	41.959	ng		99
24) Nitrobenzene	9.15	77	332100	42.275	ng		96
25) Isophorone	9.67	82	639403	42.969	ng		99
26) 2-Nitrophenol	9.86	139	184814	49.726	ng		99
27) 2,4-Dimethylphenol	9.92	122	303696	54.283	ng		96
28) bis(2-Chloroethoxy)methane	10.15	93	409835	41.311	ng		99
29) 2,4-Dichlorophenol	10.40	162	324047	48.557	ng		97
30) 1,2,4-Trichlorobenzene	10.62	180	320830	42.876	ng		99
31) Naphthalene	10.80	128	934238	45.499	ng		100
32) Benzoic acid	10.06	122	163985	37.559	ng		91
33) 4-Chloroaniline	10.90	127	221358	22.602	ng		99
34) Hexachlorobutadiene	11.10	225	185853	40.680	ng		98
35) Caprolactam	11.67	113	117630m	47.349	ng		
36) 4-Chloro-3-methylphenol	12.03	107	335276	47.193	ng		98
37) 2-Methylnaphthalene	12.41	142	703109	45.483	ng		97
38) 1-Methylnaphthalene	12.62	142	658738	44.962	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	331466	41.380	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	390087	93.933 ng	99
43) 2,4,6-Trichlorophenol	13.01	196	256640	46.563 ng	99
44) 2,4,5-Trichlorophenol	13.09	196	275279	48.425 ng	97
46) 1,1'-Biphenyl	13.41	154	874963	44.653 ng	100
47) 2-Chloronaphthalene	13.45	162	682980	43.134 ng	98
48) 2-Nitroaniline	13.65	65	210252	41.280 ng	93
49) Acenaphthylene	14.30	152	1080334	47.470 ng	98
50) Dimethylphthalate	14.03	163	886778	45.698 ng	98
51) 2,6-Dinitrotoluene	14.15	165	202430	46.154 ng	96
52) Acenaphthene	14.65	154	682829	42.784 ng	97
53) 3-Nitroaniline	14.48	138	150901	30.297 ng	100
54) 2,4-Dinitrophenol	14.68	184	229436	101.127 ng	96
55) Dibenzofuran	14.98	168	1030531	46.905 ng	98
56) 4-Nitrophenol	14.79	139	378876	99.268 ng	96
57) 2,4-Dinitrotoluene	14.93	165	281400	47.151 ng	99
58) Fluorene	15.63	166	812728	46.671 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.20	232	236028	48.285 ng	97
60) Diethylphthalate	15.40	149	880764	45.380 ng	98
61) 4-Chlorophenyl-phenylether	15.62	204	423267	44.763 ng	97
62) 4-Nitroaniline	15.64	138	204644	41.607 ng	96
63) Azobenzene	15.91	77	794490	44.139 ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	167960	54.034 ng	96
66) n-Nitrosodiphenylamine	15.83	169	763456	43.454 ng	99
67) 4-Bromophenyl-phenylether	16.51	248	275380	41.040 ng	97
68) Hexachlorobenzene	16.64	284	297276	41.115 ng	98
69) Atrazine	16.78	200	292434	51.206 ng	100
70) Pentachlorophenol	16.98	266	355140	89.104 ng	99
71) Phenanthrene	17.37	178	1278134	44.664 ng	99
72) Anthracene	17.45	178	1312051	46.393 ng	98
73) Carbazole	17.72	167	1211792	46.386 ng	98
74) Di-n-butylphthalate	18.29	149	1480621	44.391 ng	97
75) Fluoranthene	19.37	202	1467539	44.842 ng	98
77) Benzidine	19.55	184	455623	35.176 ng	98
78) Pyrene	19.73	202	1480932	44.027 ng	97
80) Butylbenzylphthalate	20.63	149	685943	42.834 ng	95
81) Benzo(a)anthracene	21.55	228	1406445	44.016 ng	98
82) 3,3'-Dichlorobenzidine	21.47	252	441540	34.977 ng	100
83) Chrysene	21.63	228	1411030	46.474 ng	96
84) Bis(2-ethylhexyl)phthalate	21.48	149	971227	43.954 ng	98
85) Di-n-octyl phthalate	22.67	149	1683040	45.307 ng	97
86) Indeno(1,2,3-cd)pyrene	28.27	276	1726426m	41.841 ng	
88) Benzo(b)fluoranthene	23.71	252	1502149	50.229 ng	98
89) Benzo(k)fluoranthene	23.79	252	1462412	51.423 ng	98
90) Benzo(a)pyrene	24.57	252	1368855	48.496 ng	97
91) Dibenzo(a,h)anthracene	28.36	278	1443075	50.907 ng	98
92) Benzo(g,h,i)perylene	29.48	276	1461462	51.903 ng	98

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

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