Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010620\
Data File : BG043927.D
Acq On : 6 Jan 2020 11:11
Operator : JU
Sample : PB125814BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB125814BS

Manual Integrations APPROVED
mohammad
1/7/2020 12:30:30 PM

Quant Time: Jan 07 05:37:11 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	7.96	152	114992	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	508111	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	342692	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	748754	20.00	ng	0.00
76) Chrysene-d12	21.58	240	651038	20.00	ng	0.00
87) Perylene-d12	24.71	264	736364	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	805370	128.60	ng	0.00
7) Phenol-d6	7.13	99	1066277	121.80	ng	0.00
23) Nitrobenzene-d5	9.12	82	670596	70.60	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	406192	113.27	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1468686	77.65	ng	0.00
79) Terphenyl-d14	19.95	244	2114296	76.10	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	111039	40.663	ng	97
3) Pyridine	3.82	79	264371	32.772	ng	96
4) n-Nitrosodimethylamine	3.74	42	141345	39.355	ng	99
6) Aniline	7.28	93	330053	28.704	ng	98
8) 2-Chlorophenol	7.53	128	333719	45.389	ng	98
9) Benzaldehyde	7.09	77	201663	35.993	ng	99
10) Phenol	7.15	94	416915	46.223	ng	100
11) bis(2-Chloroethyl)ether	7.38	93	311936	40.065	ng	99
12) 1,3-Dichlorobenzene	7.85	146	339094	39.412	ng	98
13) 1,4-Dichlorobenzene	8.00	146	342938	40.397	ng	99
14) 1,2-Dichlorobenzene	8.32	146	325176	39.907	ng	99
15) Benzyl Alcohol	8.19	79	287434	41.603	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	440268	36.551	ng	100
17) 2-Methylphenol	8.41	107	289635	44.374	ng	98
18) Hexachloroethane	9.05	117	127785	38.685	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	251299	38.546	ng	97
20) 3+4-Methylphenols	8.73	107	399127	43.834	ng	97
22) Acetophenone	8.78	105	461504	36.534	ng	99
24) Nitrobenzene	9.16	77	354119	37.643	ng	99
25) Isophorone	9.68	82	674877	37.873	ng	100
26) 2-Nitrophenol	9.87	139	181349	40.746	ng	99
27) 2,4-Dimethylphenol	9.94	122	323015	48.214	ng	97
28) bis(2-Chloroethoxy)methane	10.17	93	432153	36.377	ng	99
29) 2,4-Dichlorophenol	10.41	162	328254	41.075	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	332806	37.142	ng	98
31) Naphthalene	10.82	128	977044	39.736	ng	99
32) Benzoic acid	10.06	122	128284	26.707	ng	96
33) 4-Chloroaniline	10.92	127	248521	21.191	ng	99
34) Hexachlorobutadiene	11.11	225	192464	35.180	ng	95
35) Caprolactam	11.68	113	122906m	41.313	ng	
36) 4-Chloro-3-methylphenol	12.04	107	352866	41.478	ng	98
37) 2-Methylnaphthalene	12.42	142	731682	39.526	ng	98
38) 1-Methylnaphthalene	12.64	142	702585	40.046	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	343570	34.205	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	456935	87.748 ng	100
43) 2,4,6-Trichlorophenol	13.02	196	263316	38.099 ng	100
44) 2,4,5-Trichlorophenol	13.10	196	287641	40.353 ng	98
46) 1,1'-Biphenyl	13.43	154	926788	37.720 ng	99
47) 2-Chloronaphthalene	13.47	162	728049	36.669 ng	98
48) 2-Nitroaniline	13.66	65	230581	36.104 ng	99
49) Acenaphthylene	14.31	152	1142246	40.027 ng	98
50) Dimethylphthalate	14.05	163	931680	38.290 ng	99
51) 2,6-Dinitrotoluene	14.16	165	214539	39.009 ng	96
52) Acenaphthene	14.66	154	821815	41.065 ng	98
53) 3-Nitroaniline	14.49	138	169894	27.203 ng	96
54) 2,4-Dinitrophenol	14.69	184	186063	67.339 ng	98
55) Dibenzofuran	14.99	168	1108500	40.237 ng	98
56) 4-Nitrophenol	14.80	139	412054	86.098 ng	95
57) 2,4-Dinitrotoluene	14.95	165	300289	40.127 ng	96
58) Fluorene	15.64	166	874199	40.035 ng	97
59) 2,3,4,6-Tetrachlorophenol	15.22	232	244123	39.828 ng	99
60) Diethylphthalate	15.42	149	956632	39.307 ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	448202	37.801 ng	98
62) 4-Nitroaniline	15.65	138	228352	37.025 ng	94
63) Azobenzene	15.93	77	901954	39.962 ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	151207	40.001 ng	99
66) n-Nitrosodiphenylamine	15.84	169	826621	37.489 ng	98
67) 4-Bromophenyl-phenylether	16.53	248	297339	35.308 ng	98
68) Hexachlorobenzene	16.65	284	318980	35.153 ng	99
69) Atrazine	16.80	200	317970	44.364 ng	100
70) Pentachlorophenol	16.99	266	346961	69.363 ng	98
71) Phenanthrene	17.38	178	1403120	39.069 ng	99
72) Anthracene	17.47	178	1450045	40.854 ng	100
73) Carbazole	17.74	167	1315521	40.125 ng	99
74) Di-n-butylphthalate	18.31	149	1634404	39.045 ng	98
75) Fluoranthene	19.39	202	1626594	39.603 ng	98
77) Benzidine	19.56	184	599654	36.644 ng	98
78) Pyrene	19.75	202	1634407	38.460 ng	99
80) Butylbenzylphthalate	20.64	149	762622	37.694 ng	98
81) Benzo(a)anthracene	21.57	228	1576786	39.059 ng	98
82) 3,3'-Dichlorobenzidine	21.49	252	461229	28.919 ng	100
83) Chrysene	21.63	228	1495336	38.983 ng	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	1071027	38.366 ng	100
85) Di-n-octyl phthalate	22.68	149	1850865	39.438 ng	99
86) Indeno(1,2,3-cd)pyrene	28.26	276	1951494	37.436 ng	99
88) Benzo(b)fluoranthene	23.73	252	1658948	38.109 ng	99
89) Benzo(k)fluoranthene	23.79	252	1634041	39.473 ng	99
90) Benzo(a)pyrene	24.57	252	1563246	38.048 ng	98
91) Dibenzo(a,h)anthracene	28.33	278	1607042	38.946 ng	98
92) Benzo(g,h,i)perylene	29.36	276	1573855	38.399 ng	97

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

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