Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112619\
Data File : BG043779.D
Acq On : 26 Nov 2019 15:57
Operator : JU
Sample : PB125122BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB125122BS

Manual Integrations APPROVED
jagrut
11/27/2019 11:31:35 PM

Quant Time: Nov 27 03:48:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 23 00:54:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	47504	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	269114	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	248761	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	685664	20.00	ng		0.00
76) Chrysene-d12	21.66	240	800309	20.00	ng		0.00
87) Perylene-d12	24.83	264	766798	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	406949	154.01	ng		0.00
7) Phenol-d6	7.18	99	493478	128.47	ng		0.00
23) Nitrobenzene-d5	9.18	82	464930	94.99	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	447821	149.25	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1276316	84.34	ng		-0.01
79) Terphenyl-d14	20.01	244	2917932	82.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	24728	21.106	ng		97
3) Pyridine	3.91	79	84069	25.484	ng		95
4) n-Nitrosodimethylamine	3.82	42	56047	34.201	ng		87
6) Aniline	7.35	93	103125	20.602	ng		99
8) 2-Chlorophenol	7.59	128	189189	62.775	ng		96
9) Benzaldehyde	7.16	77	101528	44.250	ng		91
10) Phenol	7.21	94	166565	42.241	ng		97
11) bis(2-Chloroethyl)ether	7.44	93	171271	52.043	ng		95
12) 1,3-Dichlorobenzene	7.92	146	155583	43.854	ng		99
13) 1,4-Dichlorobenzene	8.06	146	162265	45.156	ng		95
14) 1,2-Dichlorobenzene	8.38	146	165015	48.533	ng		97
15) Benzyl Alcohol	8.26	79	188236	58.671	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	261445	46.194	ng		99
17) 2-Methylphenol	8.46	107	182831	64.851	ng		97
18) Hexachloroethane	9.12	117	57234	42.192	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	175619	58.140	ng		90
20) 3+4-Methylphenols	8.78	107	253531	64.460	ng		98
22) Acetophenone	8.84	105	308792	43.292	ng	#	95
24) Nitrobenzene	9.22	77	232415	46.196	ng		97
25) Isophorone	9.75	82	510631	48.654	ng		97
26) 2-Nitrophenol	9.93	139	96849	53.356	ng		99
27) 2,4-Dimethylphenol	9.99	122	220117	61.758	ng		94
28) bis(2-Chloroethoxy)methane	10.23	93	290654	44.934	ng		100
29) 2,4-Dichlorophenol	10.47	162	244977	56.538	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	212580	41.867	ng		99
31) Naphthalene	10.88	128	637499	47.754	ng		99
32) Benzoic acid	10.08	122	65708	25.565	ng		98
33) 4-Chloroaniline	10.98	127	86433	13.438	ng		96
34) Hexachlorobutadiene	11.18	225	118387	35.458	ng		99
35) Caprolactam	11.80	113	47200m	26.790	ng		
36) 4-Chloro-3-methylphenol	12.10	107	303757	62.381	ng		99
37) 2-Methylnaphthalene	12.48	142	540143	53.691	ng		99
38) 1-Methylnaphthalene	12.70	142	525282	55.017	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	287694	36.346	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	12.84	237	262542	61.391 ng		99
43) 2,4,6-Trichlorophenol	13.08	196	236018	46.362 ng		97
44) 2,4,5-Trichlorophenol	13.15	196	267004	50.415 ng		99
46) 1,1'-Biphenyl	13.49	154	741011	42.974 ng		99
47) 2-Chloronaphthalene	13.53	162	594472	42.276 ng		97
48) 2-Nitroaniline	13.72	65	214265	52.047 ng		97
49) Acenaphthylene	14.37	152	1028169	46.474 ng		97
50) Dimethylphthalate	14.10	163	890434	45.186 ng		99
51) 2,6-Dinitrotoluene	14.21	165	206364	56.391 ng		97
52) Acenaphthene	14.72	154	699346	49.430 ng		99
53) 3-Nitroaniline	14.54	138	80334	18.794 ng	#	92
54) 2,4-Dinitrophenol	14.75	184	163653	109.455 ng	#	65
55) Dibenzofuran	15.05	168	1030824	46.768 ng		99
56) 4-Nitrophenol	14.84	139	321640	89.334 ng		93
57) 2,4-Dinitrotoluene	15.00	165	306450	60.383 ng		92
58) Fluorene	15.70	166	853147	47.199 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	266363m	50.074 ng		
60) Diethylphthalate	15.47	149	938930	47.031 ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	447797	44.996 ng		97
62) 4-Nitroaniline	15.70	138	249274	50.858 ng		89
63) Azobenzene	15.98	77	867435	46.768 ng		98
65) 4,6-Dinitro-2-methylphenol	15.77	198	132226	51.518 ng		96
66) n-Nitrosodiphenylamine	15.90	169	827123	45.562 ng		98
67) 4-Bromophenyl-phenylether	16.58	248	304839	42.159 ng		96
68) Hexachlorobenzene	16.71	284	328198	41.519 ng		97
69) Atrazine	16.85	200	368009	50.581 ng		99
70) Pentachlorophenol	17.04	266	464848	96.372 ng		97
71) Phenanthrene	17.44	178	1560760	46.003 ng		96
72) Anthracene	17.53	178	1610061	46.979 ng		96
73) Carbazole	17.79	167	1634531	50.402 ng		96
74) Di-n-butylphthalate	18.37	149	1855092	42.686 ng		97
75) Fluoranthene	19.45	202	2168477	44.557 ng		93
77) Benzidine	19.62	184	642159	27.469 ng		100
78) Pyrene	19.80	202	2230673	43.188 ng		93
80) Butylbenzylphthalate	20.70	149	1132004	48.110 ng		98
81) Benzo(a)anthracene	21.64	228	2358417	44.080 ng		93
82) 3,3'-Dichlorobenzidine	21.55	252	387365	19.307 ng		99
83) Chrysene	21.71	228	2210738	43.667 ng		93
84) Bis(2-ethylhexyl)phthalate	21.57	149	1529330	46.195 ng		94
85) Di-n-octyl phthalate	22.78	149	2219346	41.330 ng		99
86) Indeno(1,2,3-cd)pyrene	28.45	276	2420145	41.095 ng		100
88) Benzo(b)fluoranthene	23.83	252	2037018	44.493 ng		94
89) Benzo(k)fluoranthene	23.90	252	2005269	45.638 ng		96
90) Benzo(a)pyrene	24.69	252	1880798	43.688 ng		98
91) Dibenzo(a,h)anthracene	28.52	278	1973137	47.252 ng	#	95
92) Benzo(g,h,i)perylene	29.58	276	1990364	48.334 ng		97

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

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