Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042380.D
Acq On : 21 Aug 2019 12:55
Operator : HP/JU
Sample : PB122256BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB122256BS

Manual Integrations APPROVED
Jagrut
8/22/2019 1:58:45 PM

Quant Time: Aug 21 17:45:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 13:40:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	64847	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	278973	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	216007	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	496005	20.00	ng	0.00
76) Chrysene-d12	21.70	240	382147	20.00	ng	0.00
87) Perylene-d12	24.95	264	386399	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	412635	128.92	ng	0.00
7) Phenol-d6	7.18	99	540136	124.26	ng	0.01
23) Nitrobenzene-d5	9.18	82	310796	78.36	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	360936	122.69	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	987342	77.35	ng	0.00
79) Terphenyl-d14	20.03	244	1544833	88.54	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	47297	34.267	ng	96
3) Pyridine	3.82	79	109453	30.958	ng	98
4) n-Nitrosodimethylamine	3.74	42	51832	42.582	ng	94
6) Aniline	7.33	93	180195	31.411	ng	97
8) 2-Chlorophenol	7.58	128	180476	46.384	ng	98
9) Benzaldehyde	7.14	77	43724	17.883	ng	97
10) Phenol	7.21	94	207246	46.896	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	145216	41.603	ng	99
12) 1,3-Dichlorobenzene	7.89	146	197510	39.885	ng	96
13) 1,4-Dichlorobenzene	8.04	146	199903	40.079	ng	99
14) 1,2-Dichlorobenzene	8.37	146	192164	40.372	ng	99
15) Benzyl Alcohol	8.25	79	139696	46.729	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	195863	40.691	ng	98
17) 2-Methylphenol	8.46	107	149761	45.832	ng	98
18) Hexachloroethane	9.10	117	67783	39.543	ng	98
19) n-Nitroso-di-n-propylamine	8.82	70	116985	41.842	ng	97
20) 3+4-Methylphenols	8.79	107	207439	45.886	ng	98
22) Acetophenone	8.84	105	248747	41.964	ng	98
24) Nitrobenzene	9.22	77	173129	42.837	ng	95
25) Isophorone	9.75	82	332523	41.924	ng	100
26) 2-Nitrophenol	9.93	139	112029	44.589	ng	99
27) 2,4-Dimethylphenol	10.00	122	180413	51.760	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	206955	40.508	ng	99
29) 2,4-Dichlorophenol	10.49	162	212794	45.915	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	229809	40.566	ng	98
31) Naphthalene	10.88	128	543681	42.055	ng	98
32) Benzoic acid	10.17	122	107454	43.317	ng	95
33) 4-Chloroaniline	10.99	127	164214	27.855	ng	99
34) Hexachlorobutadiene	11.17	225	149471	39.372	ng	99
35) Caprolactam	11.77	113	68082m	46.092	ng	
36) 4-Chloro-3-methylphenol	12.13	107	200988	46.397	ng	98
37) 2-Methylnaphthalene	12.49	142	447658	43.197	ng	98
38) 1-Methylnaphthalene	12.71	142	424397	42.992	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	284413	40.849	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	358299	88.383	ng		98
43) 2,4,6-Trichlorophenol	13.10	196	200562	43.038	ng		99
44) 2,4,5-Trichlorophenol	13.18	196	216711	45.151	ng		99
46) 1,1'-Biphenyl	13.50	154	584305	41.462	ng		98
47) 2-Chloronaphthalene	13.54	162	478201	39.803	ng		100
48) 2-Nitroaniline	13.74	65	117646	41.432	ng		97
49) Acenaphthylene	14.39	152	757726	41.953	ng		99
50) Dimethylphthalate	14.12	163	641974	41.825	ng		99
51) 2,6-Dinitrotoluene	14.24	165	156281	43.504	ng		99
52) Acenaphthene	14.73	154	452458	41.066	ng		98
53) 3-Nitroaniline	14.57	138	116634	33.020	ng		99
54) 2,4-Dinitrophenol	14.78	184	206155	88.073	ng		98
55) Dibenzofuran	15.07	168	766261	42.697	ng		100
56) 4-Nitrophenol	14.90	139	280575	110.106	ng		97
57) 2,4-Dinitrotoluene	15.03	165	221070	44.016	ng		98
58) Fluorene	15.72	166	621379	42.562	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.30	232	220779m	47.362	ng		
60) Diethylphthalate	15.49	149	634372	42.719	ng		100
61) 4-Chlorophenyl-phenylether	15.71	204	369450	42.141	ng		99
62) 4-Nitroaniline	15.74	138	151411	40.564	ng		97
63) Azobenzene	16.00	77	443904	42.896	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	144076	47.606	ng		95
66) n-Nitrosodiphenylamine	15.92	169	591835	42.642	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	261791	41.475	ng		98
68) Hexachlorobenzene	16.73	284	270130	39.952	ng		98
69) Atrazine	16.87	200	218926	46.018	ng		99
70) Pentachlorophenol	17.08	266	342329	95.112	ng		98
71) Phenanthrene	17.46	178	1026508	41.554	ng		100
72) Anthracene	17.55	178	1031953	41.886	ng		99
73) Carbazole	17.82	167	913804	41.754	ng		99
74) Di-n-butylphthalate	18.38	149	1037103	40.624	ng		99
75) Fluoranthene	19.48	202	1192266	40.024	ng		99
77) Benzidine	19.65	184	316617	31.249	ng		99
78) Pyrene	19.83	202	1166874	49.624	ng		99
80) Butylbenzylphthalate	20.72	149	380734	40.854	ng		99
81) Benzo(a)anthracene	21.68	228	973467	41.480	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	355507	38.059	ng		98
83) Chrysene	21.74	228	955903	42.579	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	531509	40.904	ng		99
85) Di-n-octyl phthalate	22.80	149	927489	41.846	ng		100
86) Indeno(1,2,3-cd)pyrene	28.66	276	1261012	42.069	ng	#	95
88) Benzo(b)fluoranthene	23.91	252	1071897	50.470	ng		100
89) Benzo(k)fluoranthene	23.98	252	1059729	51.045	ng		100
90) Benzo(a)pyrene	24.79	252	1057745	51.975	ng		99
91) Dibenzo(a,h)anthracene	28.72	278	1056029	52.015	ng		99
92) Benzo(g,h,i)perylene	29.82	276	1057187	52.254	ng		98

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

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