Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042526.D
Acq On : 28 Aug 2019 9:23
Operator : HP/JU
Sample : PB122598BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB122598BS

Manual Integrations APPROVED
Jagrut
8/29/2019 7:48:26 PM

Quant Time: Aug 28 15:19:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	36540	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	146457	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	109073	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	253939	20.00	ng		0.00
76) Chrysene-d12	21.69	240	277855	20.00	ng		0.00
87) Perylene-d12	24.92	264	327870	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	228901	126.87	ng		0.00
7) Phenol-d6	7.17	99	287301	117.89	ng		0.00
23) Nitrobenzene-d5	9.17	82	148246	69.95	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	174545	112.59	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	473764	73.46	ng		0.00
79) Terphenyl-d14	20.02	244	904333	70.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	32251	42.834	ng		98
3) Pyridine	3.82	79	69376	35.934	ng		99
4) n-Nitrosodimethylamine	3.74	42	30739	44.577	ng		93
6) Aniline	7.32	93	101129	31.112	ng		98
8) 2-Chlorophenol	7.57	128	102037	46.666	ng		99
9) Benzaldehyde	7.13	77	58863	48.245	ng		98
10) Phenol	7.19	94	112816	45.530	ng		92
11) bis(2-Chloroethyl)ether	7.42	93	81486	41.873	ng		99
12) 1,3-Dichlorobenzene	7.89	146	115824	41.640	ng		99
13) 1,4-Dichlorobenzene	8.03	146	119178	42.299	ng		97
14) 1,2-Dichlorobenzene	8.36	146	111805	41.437	ng		99
15) Benzyl Alcohol	8.24	79	75148	42.860	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	102345	38.803	ng		99
17) 2-Methylphenol	8.46	107	80974	44.368	ng		93
18) Hexachloroethane	9.09	117	39564	41.018	ng		97
19) n-Nitroso-di-n-propylamine	8.81	70	62607	39.653	ng		97
20) 3+4-Methylphenols	8.78	107	109947	43.536	ng		98
22) Acetophenone	8.83	105	136680	43.633	ng	#	99
24) Nitrobenzene	9.21	77	93957	43.779	ng		99
25) Isophorone	9.74	82	172619	41.270	ng		98
26) 2-Nitrophenol	9.93	139	59491	44.234	ng		99
27) 2,4-Dimethylphenol	9.99	122	93818	50.640	ng		100
28) bis(2-Chloroethoxy)methane	10.22	93	108885	41.303	ng		98
29) 2,4-Dichlorophenol	10.47	162	112473	46.402	ng		98
30) 1,2,4-Trichlorobenzene	10.68	180	126021	42.357	ng		98
31) Naphthalene	10.87	128	292922	43.079	ng		98
32) Benzoic acid	10.14	122	45142	36.029	ng		97
33) 4-Chloroaniline	10.98	127	86353	27.511	ng		99
34) Hexachlorobutadiene	11.16	225	83702	41.861	ng		99
35) Caprolactam	11.75	113	32241	39.863	ng		98
36) 4-Chloro-3-methylphenol	12.12	107	104249	45.306	ng		97
37) 2-Methylnaphthalene	12.48	142	234825	43.010	ng		99
38) 1-Methylnaphthalene	12.70	142	221155	42.644	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	154870	44.214	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	190258	103.405	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	102148	43.144	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	111828	45.579	ng		99
46) 1,1'-Biphenyl	13.49	154	312542	44.329	ng		100
47) 2-Chloronaphthalene	13.53	162	254561	41.872	ng		99
48) 2-Nitroaniline	13.74	65	57944	39.525	ng		98
49) Acenaphthylene	14.38	152	403167	44.080	ng		99
50) Dimethylphthalate	14.11	163	327578	41.624	ng		100
51) 2,6-Dinitrotoluene	14.23	165	78116	42.822	ng		96
52) Acenaphthene	14.72	154	233202	41.990	ng		98
53) 3-Nitroaniline	14.56	138	48733	26.712	ng		98
54) 2,4-Dinitrophenol	14.78	184	91065	74.521	ng		98
55) Dibenzofuran	15.06	168	404383	43.988	ng		99
56) 4-Nitrophenol	14.88	139	111296	85.853	ng		96
57) 2,4-Dinitrotoluene	15.02	165	108624	41.583	ng		96
58) Fluorene	15.71	166	324051	43.121	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	111365m	45.898	ng		
60) Diethylphthalate	15.47	149	319444	41.522	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	192041	42.393	ng		97
62) 4-Nitroaniline	15.73	138	78150	40.025	ng		97
63) Azobenzene	15.99	77	219364	41.612	ng		97
65) 4,6-Dinitro-2-methylphenol	15.79	198	71944	45.188	ng		98
66) n-Nitrosodiphenylamine	15.91	169	302806	43.360	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	133351	41.400	ng		98
68) Hexachlorobenzene	16.72	284	139487	39.836	ng		99
69) Atrazine	16.86	200	112173	45.422	ng		98
70) Pentachlorophenol	17.07	266	163616	89.932	ng		99
71) Phenanthrene	17.46	178	546225	43.304	ng		99
72) Anthracene	17.54	178	565114	44.878	ng		99
73) Carbazole	17.81	167	489509	43.618	ng		99
74) Di-n-butylphthalate	18.37	149	569332	42.916	ng		99
75) Fluoranthene	19.47	202	721534	46.871	ng		97
77) Benzidine	19.64	184	362332	45.484	ng		99
78) Pyrene	19.83	202	733075	43.033	ng		98
80) Butylbenzylphthalate	20.71	149	275122	41.061	ng		99
81) Benzo(a)anthracene	21.67	228	727043	43.014	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	197302	29.024	ng		98
83) Chrysene	21.73	228	709080	43.499	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	393183	42.264	ng		99
85) Di-n-octyl phthalate	22.79	149	673332	42.082	ng		99
86) Indeno(1,2,3-cd)pyrene	28.64	276	920610	41.558	ng	#	96
88) Benzo(b)fluoranthene	23.90	252	779558	43.249	ng		99
89) Benzo(k)fluoranthene	23.97	252	781790	45.123	ng		100
90) Benzo(a)pyrene	24.78	252	786792	46.000	ng		99
91) Dibenzo(a,h)anthracene	28.70	278	756819	43.701	ng		97
92) Benzo(g,h,i)perylene	29.79	276	769324	44.416	ng		98

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

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