Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
Data File : BG036383.D
Acq On : 23 Aug 2018 18:51
Operator : JU/SJ
Sample : PB112153BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB112153BS

Manual Integrations APPROVED
Sohil
8/24/2018 3:18:54 PM

Quant Time: Aug 24 03:40:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	47276	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	208134	20.00	ng		0.00
38) Acenaphthene-d10	14.70	164	135735	20.00	ng		0.00
63) Phenanthrene-d10	17.44	188	356435	20.00	ng		0.00
75) Chrysene-d12	21.71	240	382265	20.00	ng		0.00
86) Perylene-d12	24.93	264	404111	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	333176	111.79	ng		0.00
7) Phenol-d6	7.22	99	454335	106.48	ng		0.00
23) Nitrobenzene-d5	9.23	82	254027	66.22	ng		0.00
41) 2,4,6-Tribromophenol	16.18	330	175266	108.21	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	617698	64.98	ng		0.00
78) Terphenyl-d14	20.04	244	1127624	68.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	50511	36.316	ng		96
3) Pyridine	3.93	79	142970	36.621	ng		98
4) n-Nitrosodimethylamine	3.85	42	73064	42.018	ng		99
6) Aniline	7.39	93	174701	32.255	ng		97
8) 2-Chlorophenol	7.63	128	141900	43.906	ng		96
9) Benzaldehyde	7.20	77	99308	33.797	ng		97
10) Phenol	7.25	94	196828	44.079	ng		96
11) bis(2-Chloroethyl)ether	7.49	93	135991	38.414	ng		99
12) 1,3-Dichlorobenzene	7.96	146	144410	39.131	ng		99
13) 1,4-Dichlorobenzene	8.10	146	146133	39.221	ng		97
14) 1,2-Dichlorobenzene	8.42	146	136047	38.233	ng		99
15) Benzyl Alcohol	8.30	79	142866	41.533	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	266254	37.294	ng		98
17) 2-Methylphenol	8.50	107	131226	44.258	ng		98
18) Hexachloroethane	9.16	117	52065	38.975	ng		97
19) n-Nitroso-di-n-propylamine	8.87	70	116638	36.575	ng		97
20) 3+4-Methylphenols	8.83	107	178024	43.005	ng		99
22) Acetophenone	8.89	105	217085	39.719	ng	#	99
24) Nitrobenzene	9.27	77	166075	40.148	ng		99
25) Isophorone	9.80	82	329291	43.211	ng		98
26) 2-Nitrophenol	9.99	139	64814	39.540	ng		92
27) 2,4-Dimethylphenol	10.04	122	144716	47.686	ng		98
28) bis(2-Chloroethoxy)methane	10.28	93	191453	40.935	ng		100
29) 2,4-Dichlorophenol	10.52	162	148123	44.536	ng		96
30) 1,2,4-Trichlorobenzene	10.74	180	150168	38.595	ng		99
31) Naphthalene	10.93	128	435684	41.875	ng		99
32) Benzoic acid	10.16	122	87572	39.769	ng		99
33) 4-Chloroaniline	11.03	127	114169	23.946	ng		97
34) Hexachlorobutadiene	11.21	225	99740	38.154	ng		98
35) Caprolactam	11.79	113	59360m	44.802	ng		
36) 4-Chloro-3-methylphenol	12.14	107	167576	43.362	ng		98
37) 2-Methylnaphthalene	12.53	142	338391	44.449	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	186161	38.755	ng		97
40) Hexachlorocyclopentadiene	12.88	237	233145	93.285	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	122314	41.802 ng	98
43) 2,4,5-Trichlorophenol	13.20	196	138386	44.341 ng	97
45) 1,1'-Biphenyl	13.53	154	436898	38.776 ng	98
46) 2-Chloronaphthalene	13.57	162	332833	38.695 ng	99
47) 2-Nitroaniline	13.77	65	115117	42.620 ng	98
48) Acenaphthylene	14.42	152	566319	42.128 ng	99
49) Dimethylphthalate	14.15	163	458047	41.327 ng	98
50) 2,6-Dinitrotoluene	14.26	165	95613	41.923 ng	98
51) Acenaphthene	14.76	154	368536	42.807 ng	99
52) 3-Nitroaniline	14.59	138	72921	29.670 ng	98
53) 2,4-Dinitrophenol	14.79	184	68468	79.257 ng	98
54) Dibenzofuran	15.09	168	536290	39.761 ng	98
55) 4-Nitrophenol	14.89	139	173395	86.287 ng	98
56) 2,4-Dinitrotoluene	15.05	165	134762	45.338 ng	90
57) Fluorene	15.74	166	432664	42.910 ng	94
58) 2,3,4,6-Tetrachlorophenol	15.31	232	137765	46.982 ng	97
59) Diethylphthalate	15.51	149	465410	41.667 ng	100
60) 4-Chlorophenyl-phenylether	15.74	204	244153	39.214 ng	99
61) 4-Nitroaniline	15.75	138	112126	43.597 ng	97
62) Azobenzene	16.03	77	457692	40.272 ng	97
64) 4,6-Dinitro-2-methylphenol	15.81	198	58329	37.253 ng	98
65) n-Nitrosodiphenylamine	15.95	169	405855	38.321 ng	98
66) 4-Bromophenyl-phenylether	16.63	248	162403	38.916 ng	97
67) Hexachlorobenzene	16.74	284	164477	38.545 ng	98
68) Atrazine	16.89	200	172582	43.414 ng	100
69) Pentachlorophenol	17.08	266	211324	72.867 ng	97
70) Phenanthrene	17.48	178	764285	42.199 ng	98
71) Anthracene	17.57	178	769634	42.630 ng	99
72) Carbazole	17.83	167	710277	39.394 ng	98
73) Di-n-butylphthalate	18.40	149	828103	41.244 ng	99
74) Fluoranthene	19.49	202	965929	43.743 ng	100
76) Benzidine	19.66	184	503263	41.265 ng	100
77) Pyrene	19.84	202	953292	40.553 ng	99
79) Butylbenzylphthalate	20.74	149	384424	41.092 ng	97
80) Benzo(a)anthracene	21.69	228	976158	42.152 ng	99
81) 3,3'-Dichlorobenzidine	21.60	252	199771	21.645 ng	97
82) Chrysene	21.75	228	898150	40.916 ng	99
83) Bis(2-ethylhexyl)phthalate	21.61	149	534039	40.794 ng	100
84) Di-n-octyl phthalate	22.83	149	907864	41.519 ng	98
85) Indeno(1,2,3-cd)pyrene	28.60	276	1125707	44.153 ng	99
87) Benzo(b)fluoranthene	23.91	252	994911	44.336 ng	98
88) Benzo(k)fluoranthene	23.98	252	911369	41.571 ng	98
89) Benzo(a)pyrene	24.78	252	948968	44.008 ng	99
90) Dibenzo(a,h)anthracene	28.66	278	907052	43.572 ng	98
91) Benzo(g,h,i)perylene	29.74	276	925904	44.260 ng	98

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

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