Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041119\
Data File : BG040446.D
Acq On : 11 Apr 2019 18:09
Operator : JU/SJ
Sample : PB118762BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB118762BS

Manual Integrations APPROVED
Sohil
4/15/2019 12:22:49 AM

Quant Time: Apr 12 04:12:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	63086	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	264265	20.00	ng		-0.03
39) Acenaphthene-d10	14.68	164	172912	20.00	ng		-0.03
64) Phenanthrene-d10	17.42	188	439813	20.00	ng		-0.03
76) Chrysene-d12	21.70	240	463348	20.00	ng		-0.03
87) Perylene-d12	24.97	264	450920	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	523722	138.01	ng		-0.02
7) Phenol-d6	7.20	99	699315	133.34	ng		-0.02
23) Nitrobenzene-d5	9.22	82	432946	87.08	ng		-0.03
42) 2,4,6-Tribromophenol	16.17	330	270384	144.69	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	975425	83.59	ng		-0.03
79) Terphenyl-d14	20.02	244	1667892	80.98	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	61469	34.448	ng		98
3) Pyridine	3.89	79	143558	29.881	ng		99
4) n-Nitrosodimethylamine	3.81	42	85113	38.298	ng	#	89
6) Aniline	7.37	93	206974	30.376	ng		95
8) 2-Chlorophenol	7.61	128	180716	40.681	ng		97
9) Benzaldehyde	7.19	77	83622	23.245	ng		96
10) Phenol	7.23	94	237498	41.721	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	175394	38.469	ng		99
12) 1,3-Dichlorobenzene	7.93	146	182274	37.746	ng		97
13) 1,4-Dichlorobenzene	8.08	146	184538	38.369	ng		98
14) 1,2-Dichlorobenzene	8.40	146	176740	38.427	ng		97
15) Benzyl Alcohol	8.28	79	159547	37.775	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	338181	38.648	ng		99
17) 2-Methylphenol	8.48	107	162806	41.331	ng		96
18) Hexachloroethane	9.12	117	66653	36.433	ng		99
19) n-Nitroso-di-n-propylamine	8.85	70	135947	36.154	ng		96
20) 3+4-Methylphenols	8.81	107	223605	41.903	ng		98
22) Acetophenone	8.87	105	272050	41.269	ng		100
24) Nitrobenzene	9.27	77	208297	40.459	ng		98
25) Isophorone	9.78	82	406590	39.746	ng		98
26) 2-Nitrophenol	9.97	139	99205	40.666	ng		95
27) 2,4-Dimethylphenol	10.02	122	178481	46.060	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	239794	39.621	ng		98
29) 2,4-Dichlorophenol	10.51	162	183560	43.642	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	188122	40.733	ng		100
31) Naphthalene	10.91	128	555378	41.001	ng		99
32) Benzoic acid	10.17	122	70479	30.103	ng		92
33) 4-Chloroaniline	11.02	127	150361	26.024	ng		95
34) Hexachlorobutadiene	11.17	225	113764	38.516	ng		96
35) Caprolactam	11.82	113	70025m	41.953	ng		
36) 4-Chloro-3-methylphenol	12.13	107	215839	44.638	ng		99
37) 2-Methylnaphthalene	12.51	142	421589	42.083	ng		98
38) 1-Methylnaphthalene	12.73	142	405134	41.704	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	213955	38.931	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	229628	76.097	ng	95
43) 2,4,6-Trichlorophenol	13.11	196	149660	42.238	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	162030	41.954	ng	98
46) 1,1'-Biphenyl	13.51	154	548679	40.160	ng	98
47) 2-Chloronaphthalene	13.56	162	424795	40.534	ng	99
48) 2-Nitroaniline	13.77	65	151499	42.858	ng	95
49) Acenaphthylene	14.40	152	707158	39.799	ng	97
50) Dimethylphthalate	14.13	163	557778	41.217	ng	99
51) 2,6-Dinitrotoluene	14.26	165	127993	42.122	ng	99
52) Acenaphthene	14.74	154	411956	40.461	ng	98
53) 3-Nitroaniline	14.60	138	106081	32.981	ng	99
54) 2,4-Dinitrophenol	14.80	184	127841	79.110	ng	96
55) Dibenzofuran	15.08	168	680916	41.620	ng	99
56) 4-Nitrophenol	14.90	139	218470	84.158	ng	97
57) 2,4-Dinitrotoluene	15.05	165	190297	45.071	ng	98
58) Fluorene	15.72	166	531290	41.305	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	156662	44.701	ng	98
60) Diethylphthalate	15.48	149	592292	42.771	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	283942	41.298	ng	95
62) 4-Nitroaniline	15.76	138	149560	43.328	ng	100
63) Azobenzene	16.00	77	545688	41.776	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	101792	41.196	ng	99
66) n-Nitrosodiphenylamine	15.93	169	513763	39.919	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	193058	39.006	ng	97
68) Hexachlorobenzene	16.72	284	197479	39.683	ng	95
69) Atrazine	16.87	200	191027	39.900	ng	97
70) Pentachlorophenol	17.07	266	216106	75.113	ng	95
71) Phenanthrene	17.47	178	942679	40.778	ng	100
72) Anthracene	17.56	178	963206	41.628	ng	99
73) Carbazole	17.83	167	929246	42.435	ng	100
74) Di-n-butylphthalate	18.36	149	1113283	42.890	ng	99
75) Fluoranthene	19.47	202	1200346	43.850	ng	99
77) Benzidine	19.65	184	422975	25.279	ng	98
78) Pyrene	19.84	202	1182765	38.817	ng	98
80) Butylbenzylphthalate	20.70	149	541294	41.515	ng	98
81) Benzo(a)anthracene	21.68	228	1100966	38.577	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	319028	29.386	ng	98
83) Chrysene	21.75	228	1092557	39.833	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	769136	41.266	ng	98
85) Di-n-octyl phthalate	22.76	149	1315094	41.413	ng	100
86) Indeno(1,2,3-cd)pyrene	28.74	276	1351279	40.280	ng	99
88) Benzo(b)fluoranthene	23.93	252	1207639	43.744	ng	98
89) Benzo(k)fluoranthene	24.00	252	1133352	44.642	ng	98
90) Benzo(a)pyrene	24.82	252	1168058	45.094	ng	97
91) Dibenzo(a,h)anthracene	28.80	278	1096867	45.594	ng	99
92) Benzo(g,h,i)perylene	29.93	276	1132935	45.824	ng	99

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

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