Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041919\
Data File : BG040561.D
Acq On : 19 Apr 2019 14:39
Operator : JU/SJ
Sample : PB119004BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB119004BS

Quant Time: Apr 20 01:59:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 13 00:33:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	48747	20.00	ng		-0.01
21) Naphthalene-d8	10.84	136	292419	20.00	ng		-0.01
39) Acenaphthene-d10	14.66	164	189325	20.00	ng		-0.01
64) Phenanthrene-d10	17.41	188	402981	20.00	ng		0.00
76) Chrysene-d12	21.68	240	414639	20.00	ng		-0.01
87) Perylene-d12	24.95	264	369774	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	438197	149.44	ng		-0.01
7) Phenol-d6	7.19	99	617818	152.45	ng		0.00
23) Nitrobenzene-d5	9.20	82	374228	68.02	ng		-0.01
42) 2,4,6-Tribromophenol	16.16	330	315269	154.08	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1123355	87.92	ng		-0.01
79) Terphenyl-d14	20.01	244	1506244	81.72	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	49614	35.983	ng		97
3) Pyridine	3.88	79	118858	32.017	ng		94
4) n-Nitrosodimethylamine	3.79	42	74461	43.361	ng	#	92
6) Aniline	7.36	93	180513	34.285	ng		99
8) 2-Chlorophenol	7.59	128	151207	44.051	ng		94
9) Benzaldehyde	7.17	77	55305	19.895	ng		95
10) Phenol	7.22	94	208558	47.414	ng		99
11) bis(2-Chloroethyl)ether	7.45	93	142732	40.514	ng		98
12) 1,3-Dichlorobenzene	7.91	146	145264	38.930	ng		97
13) 1,4-Dichlorobenzene	8.06	146	151341	40.723	ng		98
14) 1,2-Dichlorobenzene	8.38	146	144874	40.764	ng		98
15) Benzyl Alcohol	8.27	79	143505	43.971	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	283962	41.997	ng		98
17) 2-Methylphenol	8.47	107	147052	48.313	ng		99
18) Hexachloroethane	9.10	117	55718	39.415	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	120065	41.323	ng		98
20) 3+4-Methylphenols	8.80	107	198752	48.201	ng		98
22) Acetophenone	8.86	105	230132	31.549	ng		98
24) Nitrobenzene	9.25	77	179133	31.444	ng		98
25) Isophorone	9.76	82	358345	31.657	ng		98
26) 2-Nitrophenol	9.96	139	86005	31.861	ng		94
27) 2,4-Dimethylphenol	10.00	122	160078	37.333	ng		98
28) bis(2-Chloroethoxy)methane	10.24	93	206744	30.871	ng		99
29) 2,4-Dichlorophenol	10.49	162	163061	35.036	ng		100
30) 1,2,4-Trichlorobenzene	10.70	180	183337	35.875	ng		96
31) Naphthalene	10.90	128	622470	41.530	ng		99
32) Benzoic acid	10.16	122	30715m	11.856	ng		
33) 4-Chloroaniline	11.01	127	195871	30.636	ng		98
34) Hexachlorobutadiene	11.16	225	122781	37.567	ng		94
35) Caprolactam	11.80	113	102511m	55.503	ng		
36) 4-Chloro-3-methylphenol	12.12	107	275917	51.568	ng		99
37) 2-Methylnaphthalene	12.50	142	481789	43.462	ng		99
38) 1-Methylnaphthalene	12.71	142	458006	42.607	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	238559	39.645	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	228304	69.099	ng	97
43) 2,4,6-Trichlorophenol	13.10	196	183359	47.262	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	194273	45.942	ng	99
46) 1,1'-Biphenyl	13.49	154	679662	45.435	ng	99
47) 2-Chloronaphthalene	13.55	162	530715	46.251	ng	98
48) 2-Nitroaniline	13.76	65	204322	52.790	ng	91
49) Acenaphthylene	14.39	152	820051	42.151	ng	100
50) Dimethylphthalate	14.12	163	656217	44.287	ng	99
51) 2,6-Dinitrotoluene	14.25	165	158946	47.774	ng	98
52) Acenaphthene	14.73	154	461690	41.415	ng	97
53) 3-Nitroaniline	14.59	138	123629	35.104	ng	87
54) 2,4-Dinitrophenol	14.79	184	145915	82.466	ng	93
55) Dibenzofuran	15.06	168	783878	43.760	ng	98
56) 4-Nitrophenol	14.89	139	274860	96.702	ng	100
57) 2,4-Dinitrotoluene	15.03	165	221895	47.999	ng	95
58) Fluorene	15.71	166	599752	42.585	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	185596	48.366	ng	98
60) Diethylphthalate	15.47	149	735021	48.476	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	317461	42.170	ng	98
62) 4-Nitroaniline	15.75	138	174410	46.147	ng	97
63) Azobenzene	15.99	77	647424	45.268	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	117845	52.051	ng	98
66) n-Nitrosodiphenylamine	15.91	169	595422	50.492	ng	97
67) 4-Bromophenyl-phenylether	16.59	248	233646	51.521	ng	98
68) Hexachlorobenzene	16.71	284	223433	49.002	ng	98
69) Atrazine	16.86	200	219785	50.103	ng	99
70) Pentachlorophenol	17.05	266	210602	79.891	ng	96
71) Phenanthrene	17.45	178	869879	41.068	ng	99
72) Anthracene	17.54	178	887572	41.865	ng	99
73) Carbazole	17.82	167	865489	43.136	ng	99
74) Di-n-butylphthalate	18.35	149	1027037	43.183	ng	99
75) Fluoranthene	19.46	202	1081684	43.127	ng	100
77) Benzidine	19.65	184	396210	26.462	ng	97
78) Pyrene	19.82	202	1076782	39.490	ng	99
80) Butylbenzylphthalate	20.69	149	484090	41.489	ng	98
81) Benzo(a)anthracene	21.66	228	980542	38.393	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	276804	28.491	ng	99
83) Chrysene	21.73	228	966788	39.388	ng	100
84) Bis(2-ethylhexyl)phthalate	21.53	149	677138	40.598	ng	100
85) Di-n-octyl phthalate	22.74	149	1159281	40.795	ng	99
86) Indeno(1,2,3-cd)pyrene	28.70	276	1761905	58.691	ng	98
88) Benzo(b)fluoranthene	23.91	252	1034627	45.701	ng	99
89) Benzo(k)fluoranthene	23.98	252	1012090	48.614	ng	98
90) Benzo(a)pyrene	24.80	252	1020307	48.034	ng	98
91) Dibenzo(a,h)anthracene	28.76	278	1441666	73.077	ng	99
92) Benzo(g,h,i)perylene	29.89	276	1484364	73.213	ng	96

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

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