Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
Data File : BG042626.D
Acq On : 31 Aug 2019 9:27
Operator : HP/JU
Sample : PB122684BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB122684BS

Quant Time: Aug 31 13:34:17 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	31915	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	119354	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	78468	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	195702	20.00	ng		0.00
76) Chrysene-d12	21.68	240	226865	20.00	ng		-0.01
87) Perylene-d12	24.92	264	259385	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	138634	87.98	ng		0.00
7) Phenol-d6	7.16	99	171583	80.61	ng		0.00
23) Nitrobenzene-d5	9.17	82	149102	86.33	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	104371	93.58	ng		-0.01
45) 2-Fluorobiphenyl	13.27	172	477041	102.82	ng		0.00
79) Terphenyl-d14	20.02	244	902765	86.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	22638	34.424	ng		94
3) Pyridine	3.81	79	50835	30.146	ng		98
4) n-Nitrosodimethylamine	3.73	42	24939	41.407	ng		83
6) Aniline	7.31	93	70671	24.892	ng		99
8) 2-Chlorophenol	7.56	128	80910	42.366	ng		99
9) Benzaldehyde	7.13	77	17967	16.860	ng		95
10) Phenol	7.19	94	88017	40.669	ng		93
11) bis(2-Chloroethyl)ether	7.41	93	62121	36.548	ng		99
12) 1,3-Dichlorobenzene	7.89	146	93192	38.359	ng		98
13) 1,4-Dichlorobenzene	8.03	146	96332	39.145	ng		97
14) 1,2-Dichlorobenzene	8.36	146	90368	38.346	ng		98
15) Benzyl Alcohol	8.24	79	58898	38.460	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	79465	34.494	ng		98
17) 2-Methylphenol	8.45	107	63202	39.648	ng		95
18) Hexachloroethane	9.09	117	31416	37.290	ng		95
19) n-Nitroso-di-n-propylamine	8.81	70	48568	35.219	ng		97
20) 3+4-Methylphenols	8.78	107	84430	38.277	ng		97
22) Acetophenone	8.82	105	109845	43.030	ng	#	97
24) Nitrobenzene	9.21	77	72566	41.490	ng		100
25) Isophorone	9.73	82	133963	39.301	ng		100
26) 2-Nitrophenol	9.92	139	48009	43.802	ng		98
27) 2,4-Dimethylphenol	9.99	122	73506	48.686	ng		98
28) bis(2-Chloroethoxy)methane	10.21	93	83661	38.942	ng		97
29) 2,4-Dichlorophenol	10.47	162	89743	45.432	ng		100
30) 1,2,4-Trichlorobenzene	10.68	180	104121	42.943	ng		100
31) Naphthalene	10.86	128	234838	42.380	ng		99
32) Benzoic acid	10.14	122	28814	29.990	ng		96
33) 4-Chloroaniline	10.98	127	59741	23.354	ng		98
34) Hexachlorobutadiene	11.16	225	70521	43.278	ng		95
35) Caprolactam	11.75	113	24089	36.547	ng		98
36) 4-Chloro-3-methylphenol	12.11	107	76582	40.840	ng		95
37) 2-Methylnaphthalene	12.48	142	187573	42.157	ng		98
38) 1-Methylnaphthalene	12.70	142	175841	41.606	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	129253	51.293	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	137508	103.884	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	81016	47.565	ng		94
44) 2,4,5-Trichlorophenol	13.17	196	83903	47.535	ng		97
46) 1,1'-Biphenyl	13.49	154	242135	47.737	ng		98
47) 2-Chloronaphthalene	13.53	162	199558	45.628	ng		99
48) 2-Nitroaniline	13.73	65	42232	40.043	ng		95
49) Acenaphthylene	14.38	152	307388	46.716	ng		99
50) Dimethylphthalate	14.11	163	253318	44.742	ng		99
51) 2,6-Dinitrotoluene	14.23	165	59422	45.279	ng		97
52) Acenaphthene	14.72	154	179104	44.827	ng		98
53) 3-Nitroaniline	14.56	138	37505	28.576	ng		92
54) 2,4-Dinitrophenol	14.78	184	71051	80.291	ng		94
55) Dibenzofuran	15.05	168	310809	46.995	ng		99
56) 4-Nitrophenol	14.88	139	82208	88.148	ng		93
57) 2,4-Dinitrotoluene	15.02	165	82267	43.776	ng		97
58) Fluorene	15.71	166	245915	45.487	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	83141	47.631	ng		96
60) Diethylphthalate	15.47	149	238372	43.069	ng		100
61) 4-Chlorophenyl-phenylether	15.69	204	149112	45.754	ng		99
62) 4-Nitroaniline	15.72	138	56485	40.212	ng		97
63) Azobenzene	15.99	77	160023	42.195	ng		97
65) 4,6-Dinitro-2-methylphenol	15.79	198	51686	42.125	ng		99
66) n-Nitrosodiphenylamine	15.91	169	227242	42.223	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	102642	41.349	ng		98
68) Hexachlorobenzene	16.72	284	108168	40.084	ng		97
69) Atrazine	16.86	200	88657	46.583	ng		99
70) Pentachlorophenol	17.06	266	119813	85.453	ng		96
71) Phenanthrene	17.45	178	412112	42.395	ng		98
72) Anthracene	17.54	178	424647	43.759	ng		99
73) Carbazole	17.81	167	368609	42.619	ng		98
74) Di-n-butylphthalate	18.36	149	426730	41.739	ng		99
75) Fluoranthene	19.46	202	560526	47.248	ng		96
77) Benzidine	19.64	184	216459	33.279	ng		98
78) Pyrene	19.82	202	567390	40.793	ng		97
80) Butylbenzylphthalate	20.71	149	215350	39.364	ng		95
81) Benzo(a)anthracene	21.66	228	584285	42.338	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	188933	34.040	ng		98
83) Chrysene	21.73	228	569956	42.823	ng		100
84) Bis(2-ethylhexyl)phthalate	21.56	149	307716	40.512	ng		98
85) Di-n-octyl phthalate	22.78	149	534585	40.920	ng		99
86) Indeno(1,2,3-cd)pyrene	28.63	276	748882	41.404	ng	#	97
88) Benzo(b)fluoranthene	23.89	252	642874m	45.082	ng		
89) Benzo(k)fluoranthene	23.96	252	636318	46.423	ng		98
90) Benzo(a)pyrene	24.77	252	635083	46.933	ng		98
91) Dibenzo(a,h)anthracene	28.68	278	623679	45.521	ng		97
92) Benzo(g,h,i)perylene	29.78	276	626880	45.748	ng		97

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

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