Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042556.D
Acq On : 29 Aug 2019 9:08
Operator : HP/JU
Sample : PB122602BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB122602BS

Quant Time: Aug 29 12:16:02 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	33196	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	132424	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	98266	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	228894	20.00	ng		-0.01
76) Chrysene-d12	21.69	240	265873	20.00	ng		-0.01
87) Perylene-d12	24.93	264	303776	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	189472	115.60	ng		0.00
7) Phenol-d6	7.16	99	236366	106.76	ng		-0.01
23) Nitrobenzene-d5	9.16	82	122038	63.68	ng		-0.01
42) 2,4,6-Tribromophenol	16.15	330	151623	108.56	ng		-0.01
45) 2-Fluorobiphenyl	13.28	172	399934	68.83	ng		0.00
79) Terphenyl-d14	20.02	244	821199	66.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	26006	38.020	ng		98
3) Pyridine	3.82	79	55486	31.634	ng		96
4) n-Nitrosodimethylamine	3.74	42	25863	41.284	ng		96
6) Aniline	7.31	93	86071	29.147	ng		97
8) 2-Chlorophenol	7.56	128	84443	42.510	ng		98
9) Benzaldehyde	7.13	77	48715	43.950	ng		95
10) Phenol	7.19	94	92089	40.909	ng		97
11) bis(2-Chloroethyl)ether	7.41	93	67683	38.284	ng		97
12) 1,3-Dichlorobenzene	7.88	146	98969	39.165	ng		99
13) 1,4-Dichlorobenzene	8.03	146	98968	38.664	ng		98
14) 1,2-Dichlorobenzene	8.35	146	95678	39.032	ng		96
15) Benzyl Alcohol	8.24	79	63016	39.561	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	84571	35.294	ng		98
17) 2-Methylphenol	8.45	107	67006	40.413	ng		92
18) Hexachloroethane	9.09	117	33608	38.353	ng		94
19) n-Nitroso-di-n-propylamine	8.81	70	51029	35.576	ng		94
20) 3+4-Methylphenols	8.78	107	90445	39.421	ng		98
22) Acetophenone	8.82	105	116157	41.011	ng	#	98
24) Nitrobenzene	9.21	77	77482	39.928	ng		99
25) Isophorone	9.73	82	143924	38.056	ng		99
26) 2-Nitrophenol	9.93	139	50819	41.790	ng		96
27) 2,4-Dimethylphenol	9.99	122	77793	46.440	ng		100
28) bis(2-Chloroethoxy)methane	10.22	93	90237	37.857	ng		99
29) 2,4-Dichlorophenol	10.48	162	95965	43.786	ng		96
30) 1,2,4-Trichlorobenzene	10.68	180	108281	40.251	ng		99
31) Naphthalene	10.87	128	248941	40.491	ng		99
32) Benzoic acid	10.13	122	35181	32.183	ng		95
33) 4-Chloroaniline	10.98	127	69732	24.570	ng		97
34) Hexachlorobutadiene	11.16	225	72139	39.901	ng		98
35) Caprolactam	11.76	113	25818	35.304	ng		88
36) 4-Chloro-3-methylphenol	12.11	107	85781	41.231	ng		99
37) 2-Methylnaphthalene	12.48	142	202158	40.950	ng		100
38) 1-Methylnaphthalene	12.70	142	190691	40.666	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	133465	42.294	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	153414	92.550	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	84873	39.790	ng		95
44) 2,4,5-Trichlorophenol	13.17	196	92384	41.795	ng		98
46) 1,1'-Biphenyl	13.49	154	261965	41.241	ng		99
47) 2-Chloronaphthalene	13.53	162	214685	39.197	ng		100
48) 2-Nitroaniline	13.74	65	47336	35.840	ng		98
49) Acenaphthylene	14.38	152	341954	41.499	ng		99
50) Dimethylphthalate	14.11	163	273672	38.598	ng		99
51) 2,6-Dinitrotoluene	14.23	165	65554	39.888	ng		96
52) Acenaphthene	14.72	154	198116	39.595	ng		99
53) 3-Nitroaniline	14.56	138	45222	27.514	ng		96
54) 2,4-Dinitrophenol	14.78	184	73050	67.039	ng		99
55) Dibenzofuran	15.06	168	343527	41.477	ng		98
56) 4-Nitrophenol	14.88	139	94370	80.802	ng		98
57) 2,4-Dinitrotoluene	15.02	165	92977	39.507	ng		96
58) Fluorene	15.70	166	275977	40.763	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	92234	42.194	ng		93
60) Diethylphthalate	15.47	149	269411	38.870	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	162449	39.804	ng		99
62) 4-Nitroaniline	15.73	138	67339	38.281	ng		96
63) Azobenzene	15.99	77	184171	38.778	ng		95
65) 4,6-Dinitro-2-methylphenol	15.79	198	60726	42.316	ng		96
66) n-Nitrosodiphenylamine	15.91	169	254801	40.478	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	113895	39.229	ng		100
68) Hexachlorobenzene	16.72	284	120989	38.334	ng		99
69) Atrazine	16.86	200	97567	43.830	ng		99
70) Pentachlorophenol	17.07	266	135635	82.709	ng		98
71) Phenanthrene	17.46	178	477183	41.970	ng		99
72) Anthracene	17.54	178	483049	42.559	ng		98
73) Carbazole	17.81	167	428856	42.395	ng		98
74) Di-n-butylphthalate	18.37	149	495610	41.447	ng		100
75) Fluoranthene	19.46	202	637997	45.979	ng		97
77) Benzidine	19.64	184	306404	40.196	ng		99
78) Pyrene	19.83	202	651021	39.939	ng		98
80) Butylbenzylphthalate	20.71	149	244398	38.120	ng		98
81) Benzo(a)anthracene	21.67	228	655375	40.521	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	195177	30.005	ng		98
83) Chrysene	21.74	228	635121	40.718	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	345286	38.788	ng		99
85) Di-n-octyl phthalate	22.78	149	599980	39.188	ng		99
86) Indeno(1,2,3-cd)pyrene	28.64	276	829179	39.117	ng	#	96
88) Benzo(b)fluoranthene	23.90	252	723340	43.313	ng		100
89) Benzo(k)fluoranthene	23.97	252	690214	42.997	ng		99
90) Benzo(a)pyrene	24.78	252	705736	44.533	ng		99
91) Dibenzo(a,h)anthracene	28.69	278	687291	42.834	ng		98
92) Benzo(g,h,i)perylene	29.80	276	690798	43.046	ng		98

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

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