Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
Data File : BG039902.D
Acq On : 13 Mar 2019 10:04
Operator : JU/SJ
Sample : PB117835BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117835BS

Quant Time: Mar 13 15:07:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	42048	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	176689	20.00	ng		-0.02
39) Acenaphthene-d10	14.78	164	117817	20.00	ng		-0.01
64) Phenanthrene-d10	17.52	188	297385	20.00	ng		-0.01
76) Chrysene-d12	21.81	240	320456	20.00	ng		-0.02
87) Perylene-d12	25.17	264	304275	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	349818	141.93	ng		-0.01
7) Phenol-d6	7.30	99	477640	129.97	ng		-0.01
23) Nitrobenzene-d5	9.33	82	252172	77.19	ng		-0.02
42) 2,4,6-Tribromophenol	16.27	330	186382	135.72	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	604439	73.05	ng		-0.02
79) Terphenyl-d14	20.11	244	1078119	74.08	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	41041	36.068	ng		97
3) Pyridine	3.99	79	105165	34.522	ng		98
4) n-Nitrosodimethylamine	3.91	42	60766	42.048	ng	#	87
6) Aniline	7.48	93	119844	24.891	ng		97
8) 2-Chlorophenol	7.71	128	118848	39.747	ng		96
9) Benzaldehyde	7.29	77	61989	26.149	ng		98
10) Phenol	7.33	94	163301	41.018	ng		100
11) bis(2-Chloroethyl)ether	7.57	93	115119	37.087	ng		96
12) 1,3-Dichlorobenzene	8.04	146	125480	37.105	ng		93
13) 1,4-Dichlorobenzene	8.19	146	128085	37.184	ng		96
14) 1,2-Dichlorobenzene	8.51	146	124087	37.284	ng		97
15) Benzyl Alcohol	8.39	79	109362	37.514	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	225050	36.251	ng		98
17) 2-Methylphenol	8.58	107	102692	40.453	ng		95
18) Hexachloroethane	9.24	117	45683	36.961	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	91173	34.468	ng		94
20) 3+4-Methylphenols	8.91	107	141003	39.982	ng		98
22) Acetophenone	8.98	105	172776	36.433	ng	#	93
24) Nitrobenzene	9.38	77	138277	40.346	ng		99
25) Isophorone	9.89	82	253453	37.026	ng		99
26) 2-Nitrophenol	10.08	139	68649	41.486	ng		96
27) 2,4-Dimethylphenol	10.12	122	121934	47.379	ng		96
28) bis(2-Chloroethoxy)methane	10.36	93	155892	37.475	ng		99
29) 2,4-Dichlorophenol	10.62	162	131389	45.345	ng		93
30) 1,2,4-Trichlorobenzene	10.83	180	128342	39.362	ng		96
31) Naphthalene	11.03	128	362078	38.705	ng		99
32) Benzoic acid	10.24	122	35353	23.855	ng		90
33) 4-Chloroaniline	11.13	127	85460	21.543	ng		98
34) Hexachlorobutadiene	11.29	225	82499	37.027	ng		96
35) Caprolactam	11.92	113	43027	38.873	ng	#	89
36) 4-Chloro-3-methylphenol	12.24	107	135899	40.915	ng		96
37) 2-Methylnaphthalene	12.62	142	273449	39.098	ng		97
38) 1-Methylnaphthalene	12.84	142	262865	38.675	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	152224	38.139	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	176521	82.526	ng		99
43) 2,4,6-Trichlorophenol	13.22	196	105562	45.175	ng		98
44) 2,4,5-Trichlorophenol	13.29	196	114221	43.365	ng		99
46) 1,1'-Biphenyl	13.61	154	368719	38.050	ng		99
47) 2-Chloronaphthalene	13.66	162	288406	39.562	ng		97
48) 2-Nitroaniline	13.87	65	102678	43.828	ng		96
49) Acenaphthylene	14.50	152	459259	38.377	ng		99
50) Dimethylphthalate	14.22	163	384656	39.044	ng		100
51) 2,6-Dinitrotoluene	14.36	165	85759	41.062	ng		98
52) Acenaphthene	14.85	154	278315	38.640	ng		98
53) 3-Nitroaniline	14.69	138	62305	29.677	ng	#	91
54) 2,4-Dinitrophenol	14.89	184	22685	21.348	ng		99
55) Dibenzofuran	15.17	168	464945	39.344	ng		97
56) 4-Nitrophenol	14.99	139	138261	73.619	ng		91
57) 2,4-Dinitrotoluene	15.14	165	124874	42.552	ng		90
58) Fluorene	15.82	166	365854	39.381	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	110915	43.118	ng		98
60) Diethylphthalate	15.57	149	390779	40.070	ng		100
61) 4-Chlorophenyl-phenylether	15.81	204	196319	39.601	ng		98
62) 4-Nitroaniline	15.86	138	94260	41.415	ng		96
63) Azobenzene	16.10	77	359990	40.721	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	34158	19.426	ng		97
66) n-Nitrosodiphenylamine	16.03	169	342369	39.767	ng		100
67) 4-Bromophenyl-phenylether	16.70	248	127998	38.452	ng		97
68) Hexachlorobenzene	16.81	284	131998	38.255	ng		99
69) Atrazine	16.96	200	138931	41.003	ng		95
70) Pentachlorophenol	17.17	266	128217	58.838	ng		98
71) Phenanthrene	17.57	178	638408	38.974	ng		100
72) Anthracene	17.66	178	648272	40.612	ng		99
73) Carbazole	17.93	167	583969	40.581	ng		99
74) Di-n-butylphthalate	18.46	149	700504	41.374	ng		100
75) Fluoranthene	19.57	202	798497	41.248	ng		99
77) Benzidine	19.74	184	249920	24.577	ng		99
78) Pyrene	19.93	202	792475	38.057	ng		100
80) Butylbenzylphthalate	20.80	149	334801	41.500	ng		94
81) Benzo(a)anthracene	21.79	228	767830	38.231	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	187640	25.590	ng		99
83) Chrysene	21.86	228	741813	38.099	ng		100
84) Bis(2-ethylhexyl)phthalate	21.65	149	472144	41.647	ng	#	98
85) Di-n-octyl phthalate	22.90	149	796421	42.428	ng		96
86) Indeno(1,2,3-cd)pyrene	29.05	276	836659	37.877	ng	#	96
88) Benzo(b)fluoranthene	24.10	252	767682	42.309	ng		99
89) Benzo(k)fluoranthene	24.17	252	751885	44.517	ng		98
90) Benzo(a)pyrene	25.02	252	754453	44.998	ng		97
91) Dibenzo(a,h)anthracene	29.12	278	684191	41.624	ng		98
92) Benzo(g,h,i)perylene	30.28	276	678044	41.073	ng		98

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

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