Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030619\
Data File : BG039796.D
Acq On : 6 Mar 2019 20:45
Operator : JU/SJ
Sample : K1752-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DR-FCMSD

Manual Integrations APPROVED
Sohil
3/7/2019 3:42:48 PM

Quant Time: Mar 07 01:04:55 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	8.16	152	47952	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	224460	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	157865	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	377371	20.00	ng		0.00
76) Chrysene-d12	21.82	240	346975	20.00	ng		-0.01
87) Perylene-d12	25.18	264	361901	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	351647	125.11	ng		0.00
7) Phenol-d6	7.31	99	518705	123.77	ng		0.00
23) Nitrobenzene-d5	9.33	82	306864	73.94	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	214019	116.31	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	759245	68.48	ng		-0.01
79) Terphenyl-d14	20.12	244	1106800	70.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	35920	27.681	ng		98
3) Pyridine	3.99	79	78394	22.566	ng		95
4) n-Nitrosodimethylamine	3.91	42	54966	33.352	ng		88
6) Aniline	7.48	93	101185	18.428	ng		98
8) 2-Chlorophenol	7.72	128	125611	36.836	ng		96
9) Benzaldehyde	7.29	77	75673	27.991	ng		99
10) Phenol	7.33	94	184877	40.720	ng		98
11) bis(2-Chloroethyl)ether	7.57	93	117496	33.192	ng		96
12) 1,3-Dichlorobenzene	8.05	146	125352	32.503	ng		94
13) 1,4-Dichlorobenzene	8.19	146	128790	32.785	ng		98
14) 1,2-Dichlorobenzene	8.51	146	123619	32.570	ng		99
15) Benzyl Alcohol	8.39	79	123927	37.276	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	237376	33.529	ng		99
17) 2-Methylphenol	8.59	107	115771	39.990	ng		97
18) Hexachloroethane	9.24	117	45157	32.037	ng		95
19) n-Nitroso-di-n-propylamine	8.96	70	102753	34.063	ng		92
20) 3+4-Methylphenols	8.92	107	161372	40.124	ng		97
22) Acetophenone	8.99	105	195101	32.385	ng	#	94
24) Nitrobenzene	9.37	77	151180	34.723	ng		98
25) Isophorone	9.89	82	300291	34.532	ng		98
26) 2-Nitrophenol	10.08	139	76607	36.442	ng		97
27) 2,4-Dimethylphenol	10.13	122	136207	41.662	ng		97
28) bis(2-Chloroethoxy)methane	10.37	93	178923	33.858	ng		99
29) 2,4-Dichlorophenol	10.62	162	147344	40.029	ng		97
30) 1,2,4-Trichlorobenzene	10.83	180	140737	33.978	ng		97
31) Naphthalene	11.03	128	401723	33.803	ng		99
32) Benzoic acid	10.26	122	77204	36.263	ng		93
33) 4-Chloroaniline	11.14	127	71890	14.266	ng		96
34) Hexachlorobutadiene	11.29	225	87964	31.078	ng		95
35) Caprolactam	11.92	113	52342m	37.225	ng		
36) 4-Chloro-3-methylphenol	12.24	107	162045	38.403	ng		94
37) 2-Methylnaphthalene	12.62	142	313720	35.309	ng		96
38) 1-Methylnaphthalene	12.84	142	299374	34.672	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	172746	32.301	ng		100

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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	12.95	237	188714	65.845	ng		100
43) 2,4,6-Trichlorophenol	13.22	196	127219	40.631	ng		95
44) 2,4,5-Trichlorophenol	13.29	196	137072	38.839	ng		98
46) 1,1'-Biphenyl	13.62	154	422876	32.569	ng		100
47) 2-Chloronaphthalene	13.67	162	328709	33.652	ng		97
48) 2-Nitroaniline	13.87	65	117723	37.502	ng		93
49) Acenaphthylene	14.51	152	534847	33.355	ng		99
50) Dimethylphthalate	14.23	163	491780	37.255	ng		99
51) 2,6-Dinitrotoluene	14.36	165	102902	36.771	ng		93
52) Acenaphthene	14.85	154	322133	33.378	ng		98
53) 3-Nitroaniline	14.69	138	63296	22.501	ng	#	92
54) 2,4-Dinitrophenol	14.90	184	80161	47.694	ng		98
55) Dibenzofuran	15.18	168	530569	33.507	ng		99
56) 4-Nitrophenol	14.99	139	175193	69.619	ng		93
57) 2,4-Dinitrotoluene	15.14	165	142644	36.276	ng		89
58) Fluorene	15.82	166	420936	33.816	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	134795	39.108	ng		98
60) Diethylphthalate	15.58	149	456055	34.900	ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	222480	33.493	ng		98
62) 4-Nitroaniline	15.86	138	104950	34.414	ng		95
63) Azobenzene	16.11	77	403458	34.060	ng		97
65) 4,6-Dinitro-2-methylphenol	15.90	198	74838	33.541	ng		94
66) n-Nitrosodiphenylamine	16.03	169	393542	36.022	ng		100
67) 4-Bromophenyl-phenylether	16.71	248	145647	34.480	ng		97
68) Hexachlorobenzene	16.82	284	149993	34.257	ng		98
69) Atrazine	16.97	200	155595	36.188	ng		95
70) Pentachlorophenol	17.17	266	187826	67.924	ng		98
71) Phenanthrene	17.57	178	686854	33.044	ng		99
72) Anthracene	17.66	178	694671	34.295	ng		98
73) Carbazole	17.93	167	626325	34.299	ng		100
74) Di-n-butylphthalate	18.46	149	737595	34.331	ng		99
75) Fluoranthene	19.57	202	784193	31.923	ng		99
77) Benzidine	19.75	184	219858	19.968	ng		98
78) Pyrene	19.93	202	782501	34.706	ng		99
80) Butylbenzylphthalate	20.80	149	328573	37.615	ng		93
81) Benzo(a)anthracene	21.79	228	721326	33.171	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	115361	14.530	ng		99
83) Chrysene	21.86	228	687307	32.602	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	455937	37.144	ng		99
85) Di-n-octyl phthalate	22.91	149	765049	37.642	ng		97
86) Indeno(1,2,3-cd)pyrene	29.07	276	820482	34.306	ng		99
88) Benzo(b)fluoranthene	24.11	252	710173	32.908	ng		98
89) Benzo(k)fluoranthene	24.18	252	683692	34.034	ng		99
90) Benzo(a)pyrene	25.03	252	695483	34.875	ng		99
91) Dibenzo(a,h)anthracene	29.13	278	673162	34.432	ng		100
92) Benzo(g,h,i)perylene	30.28	276	683620	34.817	ng		99

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

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