Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041719\
Data File : BG040539.D
Acq On : 17 Apr 2019 21:09
Operator : JU/SJ
Sample : K2196-06MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-041619MS

Quant Time: Apr 18 04:28:04 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	8.04	152	45355	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	187950	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	132199	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	324402	20.00	ng		0.00
76) Chrysene-d12	21.69	240	295603	20.00	ng		0.00
87) Perylene-d12	24.96	264	337892	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	343677	125.97	ng		0.00
7) Phenol-d6	7.20	99	465111	123.36	ng		0.00
23) Nitrobenzene-d5	9.22	82	332816	94.12	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	208762	146.12	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	751712	84.26	ng		0.00
79) Terphenyl-d14	20.02	244	1267411	96.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	48637	37.913	ng	#	21
3) Pyridine	3.90	79	117803	34.106	ng		98
4) n-Nitrosodimethylamine	3.82	42	69108	43.253	ng	#	99
6) Aniline	7.37	93	48478	9.896	ng		96
8) 2-Chlorophenol	7.60	128	137879	43.172	ng		93
9) Benzaldehyde	7.19	77	53198	20.569	ng		97
10) Phenol	7.23	94	160480	39.212	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	137825	42.047	ng		98
12) 1,3-Dichlorobenzene	7.93	146	140766	40.546	ng		95
13) 1,4-Dichlorobenzene	8.08	146	140622	40.668	ng		98
14) 1,2-Dichlorobenzene	8.40	146	133462	40.361	ng		100
15) Benzyl Alcohol	8.28	79	127543	42.002	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	266861	42.420	ng		98
17) 2-Methylphenol	8.48	107	123265	43.526	ng		97
18) Hexachloroethane	9.12	117	51899	39.459	ng		96
19) n-Nitroso-di-n-propylamine	8.84	70	116863	43.229	ng		95
20) 3+4-Methylphenols	8.81	107	176268	45.945	ng		98
22) Acetophenone	8.87	105	219324	46.780	ng	#	98
24) Nitrobenzene	9.26	77	171427	46.817	ng		95
25) Isophorone	9.77	82	358713	49.304	ng		97
26) 2-Nitrophenol	9.96	139	78604	45.304	ng		97
27) 2,4-Dimethylphenol	10.02	122	151323	54.907	ng		99
28) bis(2-Chloroethoxy)methane	10.25	93	196650	45.686	ng		98
29) 2,4-Dichlorophenol	10.50	162	152067	50.835	ng		99
30) 1,2,4-Trichlorobenzene	10.71	180	140335	42.724	ng		98
31) Naphthalene	10.90	128	442256	45.907	ng		98
33) 4-Chloroaniline	11.03	127	10489	2.552	ng	#	91
34) Hexachlorobutadiene	11.16	225	83339	39.672	ng		98
35) Caprolactam	11.81	113	45560m	38.379	ng		
36) 4-Chloro-3-methylphenol	12.13	107	185541	53.952	ng		99
37) 2-Methylnaphthalene	12.50	142	341357	47.910	ng		99
38) 1-Methylnaphthalene	12.73	142	331226	47.940	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	169503	40.341	ng		99
41) Hexachlorocyclopentadiene	12.83	237	158824	68.842	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)
43) 2,4,6-Trichlorophenol	13.11	196	125788	46.433	ng		92
44) 2,4,5-Trichlorophenol	13.19	196	131830	44.647	ng		99
46) 1,1'-Biphenyl	13.51	154	455216	43.580	ng		98
47) 2-Chloronaphthalene	13.55	162	344191	42.958	ng		96
48) 2-Nitroaniline	13.77	65	130050	48.120	ng		92
49) Acenaphthylene	14.40	152	600810	44.227	ng		99
50) Dimethylphthalate	14.12	163	499866	48.313	ng		98
51) 2,6-Dinitrotoluene	14.26	165	111506	47.998	ng		99
52) Acenaphthene	14.74	154	350177	44.985	ng		98
53) 3-Nitroaniline	14.59	138	7881	3.205	ng	#	97
54) 2,4-Dinitrophenol	14.81	184	12947	10.479	ng	#	86
55) Dibenzofuran	15.07	168	572786	45.793	ng		98
56) 4-Nitrophenol	14.90	139	145011	73.064	ng		97
57) 2,4-Dinitrotoluene	15.04	165	158075	48.969	ng		91
58) Fluorene	15.72	166	466248	47.411	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	127005	47.399	ng		98
60) Diethylphthalate	15.48	149	515984	48.736	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	238388	45.350	ng		95
62) 4-Nitroaniline	15.76	138	106006	40.168	ng		96
63) Azobenzene	16.00	77	479280	47.992	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	20854	11.442	ng		94
66) n-Nitrosodiphenylamine	15.92	169	438711	46.215	ng		97
67) 4-Bromophenyl-phenylether	16.60	248	158906	43.528	ng		96
68) Hexachlorobenzene	16.72	284	164440	44.800	ng		95
69) Atrazine	16.87	200	159023	45.033	ng		97
70) Pentachlorophenol	17.07	266	78481	36.983	ng		96
71) Phenanthrene	17.46	178	797833	46.791	ng		100
72) Anthracene	17.56	178	810115	47.467	ng		100
73) Carbazole	17.83	167	773875	47.913	ng		99
74) Di-n-butylphthalate	18.35	149	902626	47.145	ng		99
75) Fluoranthene	19.47	202	968380	47.962	ng		99
77) Benzidine	19.66	184	77405	7.251	ng		95
78) Pyrene	19.83	202	987228	50.785	ng		99
80) Butylbenzylphthalate	20.70	149	436587	52.485	ng		99
81) Benzo(a)anthracene	21.67	228	897438	49.289	ng		100
82) 3,3'-Dichlorobenzidine	21.59	252	70776	10.219	ng		98
83) Chrysene	21.74	228	885470	50.602	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	613541	51.598	ng		99
85) Di-n-octyl phthalate	22.76	149	1056270	52.138	ng		99
86) Indeno(1,2,3-cd)pyrene	28.73	276	1119352	52.302	ng		99
88) Benzo(b)fluoranthene	23.92	252	994103	48.054	ng		98
89) Benzo(k)fluoranthene	23.99	252	934120	49.102	ng		99
90) Benzo(a)pyrene	24.81	252	956800	49.295	ng		99
91) Dibenzo(a,h)anthracene	28.79	278	906662	50.295	ng		97
92) Benzo(g,h,i)perylene	29.92	276	938244	50.644	ng		98

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

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