Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030819\
Data File : BG039833.D
Acq On : 8 Mar 2019 22:50
Operator : JU/SJ
Sample : K1783-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SW-2MSD

Quant Time: Mar 09 00:41:32 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	43494	20.00	ng		-0.02
21) Naphthalene-d8	10.98	136	195639	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	138235	20.00	ng		-0.01
64) Phenanthrene-d10	17.53	188	330597	20.00	ng		0.00
76) Chrysene-d12	21.82	240	319547	20.00	ng		-0.01
87) Perylene-d12	25.18	264	335485	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	177429	69.59	ng		-0.01
7) Phenol-d6	7.30	99	166919	43.91	ng		-0.01
23) Nitrobenzene-d5	9.33	82	351401	97.14	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	237887	147.64	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	876000	90.23	ng		-0.01
79) Terphenyl-d14	20.12	244	1346670	92.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	17937	15.239	ng		98
3) Pyridine	3.99	79	39785	12.626	ng		92
4) n-Nitrosodimethylamine	3.91	42	26219	17.540	ng		89
6) Aniline	7.48	93	49487	9.936	ng		95
8) 2-Chlorophenol	7.71	128	118020	38.157	ng		97
9) Benzaldehyde	7.29	77	85880	35.023	ng		97
10) Phenol	7.32	94	61223	14.867	ng		97
11) bis(2-Chloroethyl)ether	7.57	93	144780	45.092	ng		97
12) 1,3-Dichlorobenzene	8.04	146	147974	42.302	ng		98
13) 1,4-Dichlorobenzene	8.19	146	150582	42.261	ng		99
14) 1,2-Dichlorobenzene	8.51	146	146099	42.438	ng		98
15) Benzyl Alcohol	8.39	79	85787	28.449	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	277169	43.162	ng		98
17) 2-Methylphenol	8.59	107	85984	32.745	ng		97
18) Hexachloroethane	9.24	117	52988	41.446	ng		96
19) n-Nitroso-di-n-propylamine	8.96	70	122710	44.848	ng		92
20) 3+4-Methylphenols	8.92	107	108209	29.663	ng		97
22) Acetophenone	8.99	105	230149	43.830	ng	#	95
24) Nitrobenzene	9.37	77	179952	47.420	ng		98
25) Isophorone	9.89	82	352119	46.457	ng		97
26) 2-Nitrophenol	10.08	139	83495	45.570	ng		97
27) 2,4-Dimethylphenol	10.13	122	134986	47.370	ng		96
28) bis(2-Chloroethoxy)methane	10.37	93	212847	46.210	ng		98
29) 2,4-Dichlorophenol	10.61	162	157718	49.159	ng		93
30) 1,2,4-Trichlorobenzene	10.83	180	168010	46.537	ng		99
31) Naphthalene	11.03	128	479358	46.278	ng		99
32) Benzoic acid	10.23	122	18996	14.973	ng		88
33) 4-Chloroaniline	11.14	127	40798	9.288	ng		96
34) Hexachlorobutadiene	11.29	225	107863	43.722	ng		94
35) Caprolactam	11.93	113	7701	6.284	ng	#	77
36) 4-Chloro-3-methylphenol	12.23	107	160998	43.776	ng		96
37) 2-Methylnaphthalene	12.62	142	377667	48.768	ng		98
38) 1-Methylnaphthalene	12.84	142	356250	47.337	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	209944	44.831	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	12.95	237	244640	97.479	ng		98
43) 2,4,6-Trichlorophenol	13.22	196	139126	50.744	ng		98
44) 2,4,5-Trichlorophenol	13.29	196	148304	47.989	ng		95
46) 1,1'-Biphenyl	13.61	154	512280	45.057	ng		98
47) 2-Chloronaphthalene	13.67	162	400592	46.835	ng		99
48) 2-Nitroaniline	13.87	65	138489	50.382	ng		96
49) Acenaphthylene	14.51	152	641941	45.719	ng		99
50) Dimethylphthalate	14.23	163	541203	46.821	ng		98
51) 2,6-Dinitrotoluene	14.36	165	122497	49.989	ng		93
52) Acenaphthene	14.85	154	398919	47.204	ng		98
53) 3-Nitroaniline	14.69	138	25086	10.184	ng	#	88
54) 2,4-Dinitrophenol	14.90	184	120534	78.129	ng		98
55) Dibenzofuran	15.18	168	642943	46.370	ng		99
56) 4-Nitrophenol	14.98	139	70916	32.183	ng		89
57) 2,4-Dinitrotoluene	15.14	165	172581	50.122	ng		87
58) Fluorene	15.82	166	507705	46.578	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	149931	49.676	ng		98
60) Diethylphthalate	15.58	149	536565	46.892	ng		97
61) 4-Chlorophenyl-phenylether	15.81	204	274057	47.117	ng		96
62) 4-Nitroaniline	15.86	138	112061	41.964	ng		94
63) Azobenzene	16.11	77	487358	46.986	ng		96
65) 4,6-Dinitro-2-methylphenol	15.90	198	92010	47.071	ng		96
66) n-Nitrosodiphenylamine	16.03	169	469116	49.015	ng		98
67) 4-Bromophenyl-phenylether	16.70	248	177674	48.014	ng		97
68) Hexachlorobenzene	16.82	284	186686	48.669	ng		97
69) Atrazine	16.97	200	183258	48.652	ng		97
70) Pentachlorophenol	17.17	266	216720	89.461	ng		98
71) Phenanthrene	17.57	178	841038	46.186	ng		98
72) Anthracene	17.66	178	856351	48.258	ng		99
73) Carbazole	17.93	167	742878	46.437	ng		99
74) Di-n-butylphthalate	18.46	149	905943	48.132	ng		99
75) Fluoranthene	19.57	202	981537	45.609	ng		99
77) Benzidine	19.75	184	159747	15.754	ng		100
78) Pyrene	19.93	202	984653	47.420	ng		98
80) Butylbenzylphthalate	20.80	149	414968	51.583	ng		95
81) Benzo(a)anthracene	21.79	228	922163	46.046	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	149912	20.503	ng		98
83) Chrysene	21.87	228	898235	46.264	ng		100
84) Bis(2-ethylhexyl)phthalate	21.66	149	574647	50.833	ng		100
85) Di-n-octyl phthalate	22.91	149	981731	52.449	ng		96
86) Indeno(1,2,3-cd)pyrene	29.06	276	1084571	49.241	ng	#	94
88) Benzo(b)fluoranthene	24.11	252	952795	47.626	ng		97
89) Benzo(k)fluoranthene	24.18	252	899562	48.306	ng		99
90) Benzo(a)pyrene	25.03	252	915240	49.509	ng		98
91) Dibenzo(a,h)anthracene	29.14	278	881194	48.622	ng		99
92) Benzo(g,h,i)perylene	30.29	276	880130	48.355	ng		97

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

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