Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040116.D
Acq On : 25 Mar 2019 14:12
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 26 02:50:22 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	8.14	152	37556	20.00	ng		-0.03
21) Naphthalene-d8	10.96	136	168289	20.00	ng		-0.03
39) Acenaphthene-d10	14.77	164	112716	20.00	ng		-0.02
64) Phenanthrene-d10	17.51	188	274200	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	279525	20.00	ng		-0.03
87) Perylene-d12	25.16	264	288629	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	178416	81.05	ng		-0.02
7) Phenol-d6	7.29	99	261012	79.52	ng		-0.02
23) Nitrobenzene-d5	9.32	82	250270	80.43	ng		-0.03
42) 2,4,6-Tribromophenol	16.26	330	111093	84.56	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	618085	78.08	ng		-0.03
79) Terphenyl-d14	20.10	244	996220	78.47	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	39655	39.018	ng		93
3) Pyridine	3.98	79	110684	40.680	ng		96
4) n-Nitrosodimethylamine	3.91	42	53137	41.167	ng		88
6) Aniline	7.47	93	167382	38.922	ng		96
8) 2-Chlorophenol	7.70	128	105324	39.437	ng		95
9) Benzaldehyde	7.29	77	67463	31.862	ng		98
10) Phenol	7.31	94	139446	39.215	ng		100
11) bis(2-Chloroethyl)ether	7.56	93	108389	39.095	ng		98
12) 1,3-Dichlorobenzene	8.03	146	116953	38.720	ng		97
13) 1,4-Dichlorobenzene	8.18	146	118961	38.666	ng		98
14) 1,2-Dichlorobenzene	8.50	146	112838	37.959	ng		99
15) Benzyl Alcohol	8.38	79	101584	39.014	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	202743	36.564	ng		97
17) 2-Methylphenol	8.57	107	87821	38.732	ng		98
18) Hexachloroethane	9.22	117	42270	38.290	ng		95
19) n-Nitroso-di-n-propylamine	8.94	70	87901	37.205	ng		93
20) 3+4-Methylphenols	8.91	107	121281	38.503	ng		98
22) Acetophenone	8.97	105	175944	38.953	ng	#	93
24) Nitrobenzene	9.37	77	130547	39.992	ng		97
25) Isophorone	9.88	82	250055	38.353	ng		96
26) 2-Nitrophenol	10.07	139	65016	41.252	ng	#	95
27) 2,4-Dimethylphenol	10.11	122	97313	39.700	ng		96
28) bis(2-Chloroethoxy)methane	10.36	93	152282	38.434	ng		99
29) 2,4-Dichlorophenol	10.60	162	112390	40.724	ng		97
30) 1,2,4-Trichlorobenzene	10.82	180	121959	39.272	ng		98
31) Naphthalene	11.01	128	347968	39.053	ng		100
32) Benzoic acid	10.25	122	54857	34.712	ng		97
33) 4-Chloroaniline	11.13	127	150332	39.788	ng		98
34) Hexachlorobutadiene	11.27	225	82616	38.931	ng		93
35) Caprolactam	11.91	113	41154	39.037	ng	#	81
36) 4-Chloro-3-methylphenol	12.23	107	127799	40.396	ng		98
37) 2-Methylnaphthalene	12.61	142	258262	38.769	ng		96
38) 1-Methylnaphthalene	12.83	142	252963	39.075	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	150407	39.389	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	77073	37.663	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	92700	41.466	ng		99
44) 2,4,5-Trichlorophenol	13.28	196	99782	39.598	ng		98
46) 1,1'-Biphenyl	13.60	154	363762	39.238	ng		98
47) 2-Chloronaphthalene	13.65	162	274274	39.326	ng		99
48) 2-Nitroaniline	13.86	65	91404	40.781	ng		97
49) Acenaphthylene	14.49	152	453462	39.607	ng		100
50) Dimethylphthalate	14.22	163	366204	38.854	ng		99
51) 2,6-Dinitrotoluene	14.35	165	83094	41.587	ng		98
52) Acenaphthene	14.83	154	267877	38.874	ng		99
53) 3-Nitroaniline	14.68	138	81556	40.605	ng	#	98
54) 2,4-Dinitrophenol	14.89	184	39176	34.304	ng		96
55) Dibenzofuran	15.16	168	444434	39.310	ng		98
56) 4-Nitrophenol	14.98	139	66931	37.251	ng		94
57) 2,4-Dinitrotoluene	15.13	165	119534	42.576	ng	#	84
58) Fluorene	15.82	166	355555	40.004	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	99920	40.602	ng		97
60) Diethylphthalate	15.56	149	363774	38.989	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	187563	39.547	ng		97
62) 4-Nitroaniline	15.84	138	89116	40.927	ng		95
63) Azobenzene	16.09	77	331217	39.162	ng		96
65) 4,6-Dinitro-2-methylphenol	15.89	198	64104	39.540	ng		97
66) n-Nitrosodiphenylamine	16.01	169	314964	39.677	ng		98
67) 4-Bromophenyl-phenylether	16.69	248	123023	40.083	ng		98
68) Hexachlorobenzene	16.81	284	129043	40.561	ng		91
69) Atrazine	16.95	200	115302	36.907	ng		97
70) Pentachlorophenol	17.15	266	76715	38.181	ng		97
71) Phenanthrene	17.55	178	594623	39.370	ng		99
72) Anthracene	17.65	178	583057	39.615	ng		100
73) Carbazole	17.92	167	524817	39.554	ng		98
74) Di-n-butylphthalate	18.45	149	620657	39.757	ng		100
75) Fluoranthene	19.56	202	706659	39.590	ng		98
77) Benzidine	19.74	184	297618	33.553	ng		99
78) Pyrene	19.92	202	708851	39.026	ng		99
80) Butylbenzylphthalate	20.78	149	281551	40.010	ng		93
81) Benzo(a)anthracene	21.78	228	681248	38.887	ng		99
82) 3,3'-Dichlorobenzidine	21.69	252	245939	38.452	ng		100
83) Chrysene	21.85	228	651633	38.368	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	392566	39.698	ng	#	99
85) Di-n-octyl phthalate	22.89	149	670283	40.937	ng		94
86) Indeno(1,2,3-cd)pyrene	29.01	276	762009	39.549	ng		99
88) Benzo(b)fluoranthene	24.08	252	666509	38.725	ng		99
89) Benzo(k)fluoranthene	24.16	252	627898	39.191	ng		99
90) Benzo(a)pyrene	25.00	252	635182	39.938	ng		97
91) Dibenzo(a,h)anthracene	29.09	278	611364	39.210	ng		99
92) Benzo(g,h,i)perylene	30.24	276	618001	39.465	ng		97

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

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