Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040419\
Data File : BG040362.D
Acq On : 4 Apr 2019 16:36
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 04 17:12:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54114	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	227029	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	141770	20.00	ng		-0.02
64) Phenanthrene-d10	17.42	188	365364	20.00	ng		-0.02
76) Chrysene-d12	21.70	240	386752	20.00	ng		-0.03
87) Perylene-d12	24.97	264	402772	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	265803	81.66	ng		-0.02
7) Phenol-d6	7.20	99	361128	80.27	ng		-0.02
23) Nitrobenzene-d5	9.22	82	337706	79.07	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	142305	92.88	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	776843	81.19	ng		-0.02
79) Terphenyl-d14	20.02	244	1295648	75.37	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	61972	40.488	ng		98
3) Pyridine	3.90	79	169079	41.028	ng		97
4) n-Nitrosodimethylamine	3.82	42	71990	37.764	ng	#	86
6) Aniline	7.38	93	224319	38.380	ng		95
8) 2-Chlorophenol	7.61	128	148161	38.883	ng		94
9) Benzaldehyde	7.19	77	113819	36.884	ng		99
10) Phenol	7.23	94	197944	40.538	ng		96
11) bis(2-Chloroethyl)ether	7.47	93	150465	38.473	ng		99
12) 1,3-Dichlorobenzene	7.94	146	161817	39.065	ng		95
13) 1,4-Dichlorobenzene	8.08	146	162098	39.291	ng		98
14) 1,2-Dichlorobenzene	8.40	146	155299	39.363	ng		98
15) Benzyl Alcohol	8.29	79	130728	36.083	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	273695	36.464	ng		98
17) 2-Methylphenol	8.48	107	131084	38.795	ng		98
18) Hexachloroethane	9.12	117	60528	38.571	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	116352	36.073	ng		94
20) 3+4-Methylphenols	8.81	107	178798	39.061	ng		98
22) Acetophenone	8.88	105	221937	39.189	ng	#	98
24) Nitrobenzene	9.27	77	176169	39.831	ng		98
25) Isophorone	9.77	82	338782	38.549	ng		99
26) 2-Nitrophenol	9.97	139	87620	41.808	ng		97
27) 2,4-Dimethylphenol	10.02	122	132521	39.808	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	203441	39.128	ng		99
29) 2,4-Dichlorophenol	10.50	162	149133	41.272	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	161777	40.774	ng		99
31) Naphthalene	10.91	128	469191	40.319	ng		99
32) Benzoic acid	10.15	122	68238	33.926	ng	#	86
33) 4-Chloroaniline	11.03	127	201158	40.525	ng		97
34) Hexachlorobutadiene	11.17	225	101769	40.106	ng		99
35) Caprolactam	11.81	113	57577	40.153	ng		98
36) 4-Chloro-3-methylphenol	12.14	107	176352	42.453	ng		99
37) 2-Methylnaphthalene	12.51	142	349368	40.594	ng		99
38) 1-Methylnaphthalene	12.73	142	337891	40.487	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	181831	40.354	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	82662	33.411	ng		98
43) 2,4,6-Trichlorophenol	13.11	196	123265	42.430	ng		97
44) 2,4,5-Trichlorophenol	13.19	196	134479	42.469	ng		97
46) 1,1'-Biphenyl	13.51	154	455843	40.694	ng		99
47) 2-Chloronaphthalene	13.56	162	347508	40.444	ng		99
48) 2-Nitroaniline	13.78	65	120431	41.552	ng		96
49) Acenaphthylene	14.40	152	605752	41.580	ng		100
50) Dimethylphthalate	14.13	163	457688	41.250	ng		100
51) 2,6-Dinitrotoluene	14.26	165	107528	43.161	ng		94
52) Acenaphthene	14.75	154	338005	40.490	ng		98
53) 3-Nitroaniline	14.60	138	112053	42.490	ng		88
54) 2,4-Dinitrophenol	14.80	184	45744	34.525	ng		94
55) Dibenzofuran	15.07	168	561033	41.825	ng		99
56) 4-Nitrophenol	14.90	139	91211	42.854	ng		94
57) 2,4-Dinitrotoluene	15.04	165	152870	44.160	ng		99
58) Fluorene	15.73	166	449796	42.650	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	125511	43.680	ng		98
60) Diethylphthalate	15.48	149	476669	41.983	ng		100
61) 4-Chlorophenyl-phenylether	15.71	204	239290	42.448	ng		98
62) 4-Nitroaniline	15.76	138	121894	43.070	ng		98
63) Azobenzene	16.00	77	449804	42.000	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	82895	40.384	ng		97
66) n-Nitrosodiphenylamine	15.93	169	411964	38.532	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	162149	39.437	ng		98
68) Hexachlorobenzene	16.72	284	163675	39.592	ng		97
69) Atrazine	16.87	200	157866	39.693	ng		98
70) Pentachlorophenol	17.07	266	89157	37.303	ng		93
71) Phenanthrene	17.47	178	769950	40.093	ng		99
72) Anthracene	17.56	178	769033	40.008	ng		99
73) Carbazole	17.83	167	748577	41.150	ng		99
74) Di-n-butylphthalate	18.36	149	878906	40.760	ng		99
75) Fluoranthene	19.48	202	951673	41.850	ng		99
77) Benzidine	19.66	184	471669	33.773	ng		98
78) Pyrene	19.83	202	971832	38.211	ng		99
80) Butylbenzylphthalate	20.70	149	421826	38.759	ng		97
81) Benzo(a)anthracene	21.68	228	935503	39.271	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	353398	38.998	ng		99
83) Chrysene	21.74	228	904221	39.496	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	605487	38.920	ng		99
85) Di-n-octyl phthalate	22.77	149	1018969	38.443	ng		99
86) Indeno(1,2,3-cd)pyrene	28.74	276	1116972	39.890	ng	#	91
88) Benzo(b)fluoranthene	23.92	252	982173	39.830	ng		99
89) Benzo(k)fluoranthene	23.99	252	900909	39.728	ng		99
90) Benzo(a)pyrene	24.82	252	922711	39.881	ng		98
91) Dibenzo(a,h)anthracene	28.79	278	889106	41.376	ng		99
92) Benzo(g,h,i)perylene	29.92	276	906198	41.035	ng		100

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

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