Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
Data File : BG040989.D
Acq On : 31 May 2019 23:03
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 01 06:17:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	52311	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	215458	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	158648	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	392897	20.00	ng		0.00
76) Chrysene-d12	21.78	240	398720	20.00	ng		0.00
87) Perylene-d12	25.11	264	426415	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	226897	78.21	ng		0.00
7) Phenol-d6	7.26	99	334983	74.77	ng		0.00
23) Nitrobenzene-d5	9.30	82	401221	82.67	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	187255	79.51	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	901173	81.80	ng		0.00
79) Terphenyl-d14	20.09	244	1561737	83.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	51760	39.319	ng		93
3) Pyridine	3.93	79	154843	39.752	ng		98
4) n-Nitrosodimethylamine	3.85	42	75322	41.665	ng		99
6) Aniline	7.44	93	235400	39.363	ng		97
8) 2-Chlorophenol	7.68	128	130356	37.691	ng		97
9) Benzaldehyde	7.26	77	107249	40.129	ng		89
10) Phenol	7.29	94	183777	38.257	ng		97
11) bis(2-Chloroethyl)ether	7.54	93	137478	39.450	ng		98
12) 1,3-Dichlorobenzene	8.01	146	165874	40.156	ng		99
13) 1,4-Dichlorobenzene	8.16	146	167297	40.012	ng		96
14) 1,2-Dichlorobenzene	8.48	146	159037	39.174	ng		95
15) Benzyl Alcohol	8.36	79	162296	39.160	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	226472	39.770	ng		98
17) 2-Methylphenol	8.55	107	127376	36.622	ng		97
18) Hexachloroethane	9.20	117	64102	39.778	ng		98
19) n-Nitroso-di-n-propylamine	8.93	70	134270	38.943	ng		99
20) 3+4-Methylphenols	8.88	107	178295	37.007	ng		96
22) Acetophenone	8.95	105	248263	41.076	ng		98
24) Nitrobenzene	9.34	77	205197	41.488	ng		96
25) Isophorone	9.86	82	374726	40.571	ng		99
26) 2-Nitrophenol	10.06	139	81349	39.897	ng	#	83
27) 2,4-Dimethylphenol	10.09	122	132321	39.293	ng		95
28) bis(2-Chloroethoxy)methane	10.34	93	203385	40.799	ng		97
29) 2,4-Dichlorophenol	10.58	162	164652	38.503	ng		98
30) 1,2,4-Trichlorobenzene	10.80	180	197307	40.559	ng		96
31) Naphthalene	11.00	128	461015	39.852	ng		98
32) Benzoic acid	10.21	122	86491	35.566	ng		94
33) 4-Chloroaniline	11.10	127	212347	39.562	ng		97
34) Hexachlorobutadiene	11.25	225	156048	41.923	ng		96
35) Caprolactam	11.89	113	53349	37.779	ng		88
36) 4-Chloro-3-methylphenol	12.21	107	185655	38.014	ng		98
37) 2-Methylnaphthalene	12.59	142	346193	38.856	ng		99
38) 1-Methylnaphthalene	12.59	142	346193	41.234	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	260516	40.741	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	146740	46.531	ng		99
43) 2,4,6-Trichlorophenol	13.19	196	163265	39.468	ng		96
44) 2,4,5-Trichlorophenol	13.26	196	166977	38.275	ng		95
46) 1,1'-Biphenyl	13.59	154	471761	40.172	ng		99
47) 2-Chloronaphthalene	13.64	162	405462	40.218	ng		98
48) 2-Nitroaniline	13.84	65	148417	41.036	ng		100
49) Acenaphthylene	14.48	152	604023	39.808	ng		98
50) Dimethylphthalate	14.20	163	534086	39.769	ng		99
51) 2,6-Dinitrotoluene	14.33	165	114954	39.700	ng		95
52) Acenaphthene	14.82	154	360388	39.207	ng		98
53) 3-Nitroaniline	14.66	138	118218	40.829	ng		94
54) 2,4-Dinitrophenol	14.87	184	74502	57.119	ng		97
55) Dibenzofuran	15.15	168	610065	39.444	ng		99
56) 4-Nitrophenol	14.95	139	82991	41.788	ng		92
57) 2,4-Dinitrotoluene	15.11	165	164960	40.331	ng	#	96
58) Fluorene	15.80	166	479128	38.898	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.37	232	172547	40.246	ng		99
60) Diethylphthalate	15.55	149	536315	39.132	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	313964	39.215	ng		96
62) 4-Nitroaniline	15.83	138	121892	39.765	ng		94
63) Azobenzene	16.08	77	496401	39.850	ng		99
65) 4,6-Dinitro-2-methylphenol	15.87	198	86600	42.362	ng		95
66) n-Nitrosodiphenylamine	16.00	169	439172	39.763	ng		99
67) 4-Bromophenyl-phenylether	16.68	248	209130	39.441	ng		97
68) Hexachlorobenzene	16.79	284	221116	39.163	ng		97
69) Atrazine	16.94	200	182868	42.910	ng		99
70) Pentachlorophenol	17.14	266	112778	39.559	ng		99
71) Phenanthrene	17.54	178	826724	40.396	ng		98
72) Anthracene	17.63	178	824015	40.824	ng		98
73) Carbazole	17.90	167	720757	41.616	ng		98
74) Di-n-butylphthalate	18.43	149	873914	40.599	ng		98
75) Fluoranthene	19.54	202	1069509	42.310	ng		100
77) Benzidine	19.72	184	417579	43.902	ng		99
78) Pyrene	19.90	202	1061924	40.970	ng		99
80) Butylbenzylphthalate	20.77	149	410240	40.671	ng		99
81) Benzo(a)anthracene	21.75	228	1069379	40.291	ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	382905	41.017	ng		99
83) Chrysene	21.82	228	1031683	40.619	ng		98
84) Bis(2-ethylhexyl)phthalate	21.62	149	565136	39.800	ng		98
85) Di-n-octyl phthalate	22.87	149	942851	39.870	ng		100
86) Indeno(1,2,3-cd)pyrene	28.95	276	1225429	39.386	ng	#	98
88) Benzo(b)fluoranthene	24.05	252	1053910	40.749	ng		99
89) Benzo(k)fluoranthene	24.12	252	1037539	40.539	ng		98
90) Benzo(a)pyrene	24.96	252	987131	40.004	ng		98
91) Dibenzo(a,h)anthracene	29.02	278	971339	39.395	ng		100
92) Benzo(g,h,i)perylene	30.17	276	957514	39.973	ng		98

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

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