Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011818\
Data File : BG032139.D
Acq On : 18 Jan 2018 17:01
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 19 00:28:13 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.75	152	46058	20.00	ng		0.00
21) Naphthalene-d8	11.62	136	179865	20.00	ng		0.00
38) Acenaphthene-d10	15.38	164	122384	20.00	ng		0.00
63) Phenanthrene-d10	18.11	188	329201	20.00	ng		0.00
75) Chrysene-d12	22.45	240	422811	20.00	ng		0.00
86) Perylene-d12	26.15	264	448492	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.17	112	196410	77.99	ng		0.00
7) Phenol-d6	7.85	99	242650	76.51	ng		0.00
23) Nitrobenzene-d5	9.94	82	228104	85.80	ng		0.00
41) 2,4,6-Tribromophenol	16.85	330	170238	84.06	ng		0.00
44) 2-Fluorobiphenyl	14.00	172	758528	76.85	ng		0.00
78) Terphenyl-d14	20.65	244	1417946	74.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.83	88	36268	37.487	ng	#	72
3) Pyridine	4.29	79	99341	38.468	ng	#	81
4) n-Nitrosodimethylamine	4.19	42	41477	45.717	ng	#	82
6) Aniline	8.03	93	152251	38.058	ng		96
8) 2-Chlorophenol	8.29	128	107354	38.096	ng		81
9) Benzaldehyde	7.85	77	68599	37.330	ng		83
10) Phenol	7.88	94	121404	38.858	ng		98
11) bis(2-Chloroethyl)ether	8.13	93	91596	36.594	ng		84
12) 1,3-Dichlorobenzene	8.63	146	143940	39.028	ng		96
13) 1,4-Dichlorobenzene	8.78	146	143145	38.548	ng		94
14) 1,2-Dichlorobenzene	9.11	146	137769	38.358	ng		97
15) Benzyl Alcohol	8.97	79	94177	40.874	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.27	45	93684	36.829	ng		82
17) 2-Methylphenol	9.17	107	88274	36.971	ng		97
18) Hexachloroethane	9.87	117	47198	41.356	ng	#	80
19) n-Nitroso-di-n-propylamine	9.56	70	77357	39.310	ng	#	89
20) 3+4-Methylphenols	9.51	107	124799	37.730	ng		97
22) Acetophenone	9.59	105	163148	39.932	ng	#	92
24) Nitrobenzene	9.99	77	114264	43.088	ng		90
25) Isophorone	10.51	82	196177	39.629	ng	#	86
26) 2-Nitrophenol	10.71	139	69064	43.953	ng	#	81
27) 2,4-Dimethylphenol	10.75	122	94584	37.932	ng		94
28) bis(2-Chloroethoxy)methane	10.99	93	114088	38.251	ng	#	94
29) 2,4-Dichlorophenol	11.25	162	127246	41.472	ng		92
30) 1,2,4-Trichlorobenzene	11.48	180	161445	40.743	ng		98
31) Naphthalene	11.68	128	344874	38.706	ng		98
32) Benzoic acid	10.86	122	61660	32.706	ng		87
33) 4-Chloroaniline	11.77	127	150410	39.366	ng		95
34) Hexachlorobutadiene	11.95	225	121842	42.811	ng		93
35) Caprolactam	12.52	113	41021	44.070	ng	#	50
36) 4-Chloro-3-methylphenol	12.84	107	117301	41.768	ng		93
37) 2-Methylnaphthalene	13.24	142	273517	38.666	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.60	216	217639	40.797	ng	#	96
40) Hexachlorocyclopentadiene	13.57	237	127272	42.358	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.82	196	123236	41.113	ng		99
43) 2,4,5-Trichlorophenol	13.89	196	144739	41.717	ng	#	89
45) 1,1'-Biphenyl	14.22	154	400766	38.198	ng		92
46) 2-Chloronaphthalene	14.27	162	311656	38.184	ng		96
47) 2-Nitroaniline	14.46	65	71196	45.566	ng	#	76
48) Acenaphthylene	15.11	152	479439	38.575	ng		98
49) Dimethylphthalate	14.81	163	425610	39.741	ng	#	98
50) 2,6-Dinitrotoluene	14.94	165	92889	41.786	ng	#	70
51) Acenaphthene	15.44	154	324059	39.431	ng		99
52) 3-Nitroaniline	15.27	138	86580	43.123	ng	#	73
53) 2,4-Dinitrophenol	15.47	184	41968	41.324	ng	#	81
54) Dibenzofuran	15.77	168	477075	38.913	ng		99
55) 4-Nitrophenol	15.54	139	69988	47.833	ng	#	81
56) 2,4-Dinitrotoluene	15.71	165	133058	44.459	ng	#	70
57) Fluorene	16.42	166	396227	39.406	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.99	232	141755	44.166	ng	#	84
59) Diethylphthalate	16.15	149	419900	40.443	ng		96
60) 4-Chlorophenyl-phenylether	16.40	204	247823	40.178	ng		92
61) 4-Nitroaniline	16.42	138	96816	50.269	ng		88
62) Azobenzene	16.69	77	262071	40.328	ng		88
64) 4,6-Dinitro-2-methylphenol	16.47	198	86301	41.674	ng	#	70
65) n-Nitrosodiphenylamine	16.61	169	367728	36.812	ng		99
66) 4-Bromophenyl-phenylether	17.29	248	177971	37.996	ng		95
67) Hexachlorobenzene	17.42	284	190414	36.745	ng	#	89
68) Atrazine	17.53	200	175066	41.673	ng		97
69) Pentachlorophenol	17.75	266	133326	40.252	ng		98
70) Phenanthrene	18.16	178	689943	37.643	ng		99
71) Anthracene	18.25	178	697257	38.142	ng		99
72) Carbazole	18.50	167	654571	41.276	ng		99
73) Di-n-butylphthalate	19.02	149	753097	40.189	ng		100
74) Fluoranthene	20.12	202	957520	41.725	ng		95
76) Benzidine	20.28	184	411764	38.945	ng		99
77) Pyrene	20.48	202	974268	36.655	ng		98
79) Butylbenzylphthalate	21.34	149	354892	37.266	ng	#	78
80) Benzo(a)anthracene	22.43	228	1023371	38.919	ng		99
81) 3,3'-Dichlorobenzidine	22.32	252	405181	41.250	ng	#	97
82) Chrysene	22.51	228	972587	38.514	ng		98
83) Bis(2-ethylhexyl)phthalate	22.27	149	502655	35.994	ng	#	98
84) Di-n-octyl phthalate	23.65	149	789887	35.614	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.45	276	1242624	40.209	ng	#	88
87) Benzo(b)fluoranthene	24.97	252	1055461	38.934	ng	#	96
88) Benzo(k)fluoranthene	25.04	252	1049535	39.620	ng	#	96
89) Benzo(a)pyrene	25.98	252	1017550	39.680	ng	#	96
90) Dibenzo(a,h)anthracene	30.53	278	1030829	41.714	ng	#	95
91) Benzo(g,h,i)perylene	31.79	276	1021896	40.459	ng	#	91

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

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