Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111017\
Data File : BG030914.D
Acq On : 10 Nov 2017 19:51
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 11 05:00:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	44531	20.00	ng		-0.01
21) Naphthalene-d8	10.96	136	208287	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	142485	20.00	ng		-0.01
63) Phenanthrene-d10	17.51	188	356152	20.00	ng		0.00
75) Chrysene-d12	21.78	240	393076	20.00	ng		0.00
86) Perylene-d12	25.08	264	394100	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	211831	81.57	ng		0.00
7) Phenol-d6	7.31	99	296902	84.86	ng		0.00
23) Nitrobenzene-d5	9.31	82	289207	82.28	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	186191	80.78	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	817088	82.40	ng		-0.01
78) Terphenyl-d14	20.09	244	1452884	81.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	42478	40.307	ng		85
3) Pyridine	3.96	79	128396	41.966	ng		90
4) n-Nitrosodimethylamine	3.88	42	61749	42.585	ng	#	91
6) Aniline	7.47	93	191880	41.674	ng		96
8) 2-Chlorophenol	7.71	128	119953	41.856	ng		91
9) Benzaldehyde	7.28	77	102169	41.731	ng		86
10) Phenol	7.34	94	151572	41.717	ng		91
11) bis(2-Chloroethyl)ether	7.55	93	121283	41.807	ng		93
12) 1,3-Dichlorobenzene	8.04	146	138313	41.135	ng		96
13) 1,4-Dichlorobenzene	8.18	146	140635	41.275	ng		94
14) 1,2-Dichlorobenzene	8.50	146	133796	40.912	ng		96
15) Benzyl Alcohol	8.38	79	116513	41.518	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.67	45	133024	41.513	ng		89
17) 2-Methylphenol	8.59	107	105004	41.502	ng		97
18) Hexachloroethane	9.23	117	48075	40.539	ng		97
19) n-Nitroso-di-n-propylamine	8.95	70	112357	42.237	ng	#	95
20) 3+4-Methylphenols	8.92	107	150719	41.893	ng		94
22) Acetophenone	8.96	105	214773	41.413	ng	#	96
24) Nitrobenzene	9.35	77	146888	40.909	ng		93
25) Isophorone	9.87	82	280198	40.874	ng	#	94
26) 2-Nitrophenol	10.07	139	80708	43.123	ng		89
27) 2,4-Dimethylphenol	10.12	122	114648	41.262	ng		94
28) bis(2-Chloroethoxy)methane	10.35	93	179517	41.578	ng		97
29) 2,4-Dichlorophenol	10.61	162	140453	42.096	ng		90
30) 1,2,4-Trichlorobenzene	10.82	180	161370	40.510	ng		97
31) Naphthalene	11.01	128	416640	40.691	ng		99
32) Benzoic acid	10.27	122	87231	38.910	ng	#	85
33) 4-Chloroaniline	11.11	127	190505	42.501	ng		95
34) Hexachlorobutadiene	11.29	225	114821	41.563	ng		97
35) Caprolactam	11.88	113	52196	38.295	ng	#	71
36) 4-Chloro-3-methylphenol	12.24	107	148108	40.786	ng	#	88
37) 2-Methylnaphthalene	12.60	142	324429	41.044	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	234298	41.431	ng		97
40) Hexachlorocyclopentadiene	12.94	237	70750	39.978	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	134196	41.510	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	143630	40.606	ng	#	93
45) 1,1'-Biphenyl	13.60	154	480266	40.648	ng		97
46) 2-Chloronaphthalene	13.65	162	349366	40.982	ng		97
47) 2-Nitroaniline	13.85	65	103295	40.881	ng	#	85
48) Acenaphthylene	14.49	152	574762	41.194	ng		99
49) Dimethylphthalate	14.21	163	495090	40.187	ng		99
50) 2,6-Dinitrotoluene	14.33	165	105677	41.617	ng	#	77
51) Acenaphthene	14.83	154	357877	41.069	ng		99
52) 3-Nitroaniline	14.67	138	109070	40.452	ng	#	82
53) 2,4-Dinitrophenol	14.88	184	48416	37.982	ng	#	52
54) Dibenzofuran	15.16	168	567909	40.916	ng		98
55) 4-Nitrophenol	14.99	139	76867	40.021	ng	#	80
56) 2,4-Dinitrotoluene	15.13	165	150465	40.987	ng	#	74
57) Fluorene	15.81	166	455000	40.378	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.39	232	138130	40.974	ng	#	88
59) Diethylphthalate	15.56	149	494881	39.546	ng		99
60) 4-Chlorophenyl-phenylether	15.79	204	278628	40.941	ng		91
61) 4-Nitroaniline	15.83	138	114845	40.225	ng		90
62) Azobenzene	16.08	77	382691	40.098	ng		94
64) 4,6-Dinitro-2-methylphenol	15.89	198	97008	40.978	ng		81
65) n-Nitrosodiphenylamine	16.01	169	439700	40.742	ng		98
66) 4-Bromophenyl-phenylether	16.68	248	186185	41.275	ng		97
67) Hexachlorobenzene	16.81	284	200110	41.751	ng	#	93
68) Atrazine	16.95	200	175148	39.334	ng		98
69) Pentachlorophenol	17.16	266	110780	41.813	ng		97
70) Phenanthrene	17.55	178	748753	40.378	ng		99
71) Anthracene	17.64	178	753291	40.541	ng		99
72) Carbazole	17.91	167	690161	39.641	ng		99
73) Di-n-butylphthalate	18.45	149	845046	39.531	ng		99
74) Fluoranthene	19.55	202	948904	40.415	ng		98
76) Benzidine	19.72	184	510431	40.426	ng		96
77) Pyrene	19.91	202	966886	41.453	ng		98
79) Butylbenzylphthalate	20.77	149	379172	40.771	ng	#	83
80) Benzo(a)anthracene	21.75	228	985984	40.382	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	396992	40.279	ng		96
82) Chrysene	21.83	228	924062	40.913	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	533069	39.708	ng	#	98
84) Di-n-octyl phthalate	22.87	149	884662	40.488	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.87	276	1113874	40.567	ng		96
87) Benzo(b)fluoranthene	24.03	252	976560	40.965	ng	#	98
88) Benzo(k)fluoranthene	24.10	252	963881	40.792	ng		98
89) Benzo(a)pyrene	24.93	252	923960	40.799	ng	#	97
90) Dibenzo(a,h)anthracene	28.92	278	957241	41.354	ng		98
91) Benzo(g,h,i)perylene	30.06	276	918912	40.902	ng		96

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

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