Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\
Data File : BG032790.D
Acq On : 23 Feb 2018 15:09
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 23 17:05:02 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 17:04:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	59788	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	273271	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	156091	20.00	ng		0.00
63) Phenanthrene-d10	18.27	188	358949	20.00	ng		0.00
75) Chrysene-d12	22.63	240	341328	20.00	ng		0.00
86) Perylene-d12	26.45	264	379781	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	304080	81.37	ng		0.00
7) Phenol-d6	8.02	99	417550	80.16	ng		0.00
23) Nitrobenzene-d5	10.12	82	343224	86.91	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	148161	90.27	ng		0.00
44) 2-Fluorobiphenyl	14.18	172	848611	78.41	ng		0.00
78) Terphenyl-d14	20.79	244	1148142	75.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	65766	40.55	ng		85
3) Pyridine	4.43	79	186826	41.79	ng		96
4) n-Nitrosodimethylamine	4.34	42	71143	39.70	ng	#	91
6) Aniline	8.21	93	274370	38.91	ng		98
8) 2-Chlorophenol	8.47	128	165444	40.45	ng		92
9) Benzaldehyde	8.02	77	111009	36.98	ng		91
10) Phenol	8.04	94	212310	40.43	ng		91
11) bis(2-Chloroethyl)ether	8.31	93	164188	38.24	ng		92
12) 1,3-Dichlorobenzene	8.81	146	184425	38.49	ng		98
13) 1,4-Dichlorobenzene	8.97	146	186415	38.65	ng		98
14) 1,2-Dichlorobenzene	9.29	146	178498	38.63	ng		98
15) Benzyl Alcohol	9.15	79	151066	39.45	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.45	45	267199	36.20	ng		97
17) 2-Methylphenol	9.35	107	155091	40.05	ng		95
18) Hexachloroethane	10.06	117	64704	39.41	ng	#	87
19) n-Nitroso-di-n-propylamine	9.74	70	140594	38.23	ng	#	97
20) 3+4-Methylphenols	9.69	107	215933	40.11	ng		93
22) Acetophenone	9.77	105	269952	39.12	ng	#	93
24) Nitrobenzene	10.17	77	178558	41.91	ng	#	89
25) Isophorone	10.69	82	374860	39.08	ng		94
26) 2-Nitrophenol	10.90	139	78961	50.44	ng	#	86
27) 2,4-Dimethylphenol	10.93	122	168443	40.43	ng		88
28) bis(2-Chloroethoxy)methane	11.17	93	217594	38.94	ng		98
29) 2,4-Dichlorophenol	11.43	162	154204	40.78	ng		96
30) 1,2,4-Trichlorobenzene	11.67	180	170869	38.55	ng		96
31) Naphthalene	11.87	128	561273	39.31	ng		99
32) Benzoic acid	11.03	122	137475	51.34	ng		86
33) 4-Chloroaniline	11.95	127	253880	39.76	ng		95
34) Hexachlorobutadiene	12.13	225	93649	37.66	ng		93
35) Caprolactam	12.70	113	70360	46.47	ng	#	81
36) 4-Chloro-3-methylphenol	13.01	107	185818	42.22	ng		90
37) 2-Methylnaphthalene	13.41	142	407146	39.41	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	178639	38.55	ng	#	97
40) Hexachlorocyclopentadiene	13.74	237	93767	39.71	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.99	196	123486	42.26	ng		95
43) 2,4,5-Trichlorophenol	14.06	196	144273	42.66	ng	#	98
45) 1,1'-Biphenyl	14.38	154	534956	39.22	ng		94
46) 2-Chloronaphthalene	14.44	162	399325	39.19	ng		98
47) 2-Nitroaniline	14.62	65	121008	47.28	ng		90
48) Acenaphthylene	15.27	152	668278	40.06	ng		99
49) Dimethylphthalate	14.97	163	532559	40.18	ng		100
50) 2,6-Dinitrotoluene	15.09	165	105174	47.95	ng		88
51) Acenaphthene	15.60	154	418172	40.25	ng		98
52) 3-Nitroaniline	15.42	138	125983	46.67	ng	#	86
53) 2,4-Dinitrophenol	15.62	184	29118	49.72	ng	#	1
54) Dibenzofuran	15.93	168	585840	39.60	ng		94
55) 4-Nitrophenol	15.69	139	94516	46.77	ng	#	80
56) 2,4-Dinitrotoluene	15.87	165	139777	53.10	ng	#	85
57) Fluorene	16.58	166	494134	40.47	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.14	232	117543	44.76	ng		91
59) Diethylphthalate	16.31	149	568364	40.66	ng		99
60) 4-Chlorophenyl-phenylether	16.56	204	239200	40.05	ng		94
61) 4-Nitroaniline	16.57	138	131284	46.00	ng		84
62) Azobenzene	16.84	77	493817	39.49	ng		96
64) 4,6-Dinitro-2-methylphenol	16.63	198	58430	53.44	ng		96
65) n-Nitrosodiphenylamine	16.76	169	457862	39.21	ng		98
66) 4-Bromophenyl-phenylether	17.44	248	144255	38.01	ng	#	84
67) Hexachlorobenzene	17.57	284	158119	38.55	ng	#	92
68) Atrazine	17.68	200	147834	38.46	ng		97
69) Pentachlorophenol	17.90	266	113400	43.89	ng		100
70) Phenanthrene	18.31	178	786696	39.28	ng		98
71) Anthracene	18.40	178	797086	39.65	ng		99
72) Carbazole	18.65	167	782075	39.47	ng		98
73) Di-n-butylphthalate	19.16	149	972155	39.99	ng		99
74) Fluoranthene	20.26	202	875930	39.60	ng		94
76) Benzidine	20.41	184	278071	23.90	ng		98
77) Pyrene	20.62	202	913234	37.94	ng		98
79) Butylbenzylphthalate	21.49	149	448996	42.07	ng		93
80) Benzo(a)anthracene	22.61	228	870053	39.75	ng		99
81) 3,3'-Dichlorobenzidine	22.49	252	332493	41.02	ng	#	97
82) Chrysene	22.69	228	828601	39.63	ng		97
83) Bis(2-ethylhexyl)phthalate	22.46	149	660567	41.82	ng		96
84) Di-n-octyl phthalate	23.89	149	1061888	44.10	ng		98
85) Indeno(1,2,3-cd)pyrene	30.89	276	1021379	41.89	ng		99
87) Benzo(b)fluoranthene	25.22	252	887537	39.52	ng	#	97
88) Benzo(k)fluoranthene	25.30	252	867694	38.88	ng	#	95
89) Benzo(a)pyrene	26.27	252	846083	39.61	ng	#	95
90) Dibenzo(a,h)anthracene	30.98	278	847111	39.40	ng	#	92
91) Benzo(g,h,i)perylene	32.29	276	831772	39.25	ng	#	93

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

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