Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG012918\
Data File : BG032423.D
Acq On : 29 Jan 2018 20:34
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 30 03:28:27 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	26028	20.00	ng		0.00
21) Naphthalene-d8	11.60	136	109871	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	82517	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	218684	20.00	ng		0.00
75) Chrysene-d12	22.42	240	259389	20.00	ng		0.00
86) Perylene-d12	26.10	264	273955	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	104243	80.44	ng		0.00
7) Phenol-d6	7.83	99	140493	81.25	ng		0.00
23) Nitrobenzene-d5	9.92	82	141101	80.21	ng		0.00
41) 2,4,6-Tribromophenol	16.83	330	127682	81.29	ng		0.00
44) 2-Fluorobiphenyl	13.98	172	537504	77.42	ng		0.00
78) Terphenyl-d14	20.63	244	944060	77.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	17175	39.393	ng	#	72
3) Pyridine	4.27	79	50507	42.902	ng	#	76
4) n-Nitrosodimethylamine	4.18	42	25267	41.229	ng	#	71
6) Aniline	8.02	93	86001	39.889	ng		94
8) 2-Chlorophenol	8.27	128	61604	40.217	ng	#	82
9) Benzaldehyde	7.82	77	35106	39.307	ng		85
10) Phenol	7.86	94	66921	40.752	ng		92
11) bis(2-Chloroethyl)ether	8.11	93	50962	40.730	ng	#	78
12) 1,3-Dichlorobenzene	8.61	146	82157	39.660	ng		95
13) 1,4-Dichlorobenzene	8.76	146	82202	39.591	ng		93
14) 1,2-Dichlorobenzene	9.09	146	79112	38.896	ng		93
15) Benzyl Alcohol	8.96	79	58003	40.700	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.25	45	45017	37.969	ng		73
17) 2-Methylphenol	9.16	107	53446	40.073	ng		93
18) Hexachloroethane	9.84	117	26089	37.425	ng	#	73
19) n-Nitroso-di-n-propylamine	9.53	70	45350	39.554	ng	#	94
20) 3+4-Methylphenols	9.49	107	75714	40.471	ng		95
22) Acetophenone	9.56	105	102476	39.789	ng	#	96
24) Nitrobenzene	9.97	77	69817	41.046	ng	#	88
25) Isophorone	10.49	82	122322	40.840	ng	#	86
26) 2-Nitrophenol	10.69	139	42801	41.626	ng	#	80
27) 2,4-Dimethylphenol	10.73	122	59541	40.344	ng		96
28) bis(2-Chloroethoxy)methane	10.97	93	67970	41.383	ng		96
29) 2,4-Dichlorophenol	11.23	162	82305	42.098	ng		86
30) 1,2,4-Trichlorobenzene	11.45	180	105186	40.367	ng		97
31) Naphthalene	11.65	128	220018	41.001	ng		100
32) Benzoic acid	10.86	122	37550	36.215	ng	#	81
33) 4-Chloroaniline	11.75	127	94882	39.643	ng		94
34) Hexachlorobutadiene	11.92	225	80422	39.669	ng		96
35) Caprolactam	12.50	113	23865	42.521	ng	#	49
36) 4-Chloro-3-methylphenol	12.82	107	74998	40.442	ng	#	87
37) 2-Methylnaphthalene	13.22	142	179734	39.868	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	151208	39.169	ng	#	95
40) Hexachlorocyclopentadiene	13.55	237	94138	39.029	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	83876	39.944	ng		99
43) 2,4,5-Trichlorophenol	13.87	196	97808	39.957	ng	#	92
45) 1,1'-Biphenyl	14.20	154	272580	39.099	ng		94
46) 2-Chloronaphthalene	14.25	162	214156	39.193	ng		95
47) 2-Nitroaniline	14.43	65	47987	39.713	ng	#	78
48) Acenaphthylene	15.09	152	322266	39.013	ng		98
49) Dimethylphthalate	14.79	163	299303	39.338	ng		99
50) 2,6-Dinitrotoluene	14.92	165	64122	40.153	ng	#	80
51) Acenaphthene	15.42	154	225993	39.449	ng		97
52) 3-Nitroaniline	15.24	138	56376	40.417	ng	#	71
53) 2,4-Dinitrophenol	15.44	184	35453	37.846	ng	#	86
54) Dibenzofuran	15.75	168	330039	38.923	ng		96
55) 4-Nitrophenol	15.53	139	43149	41.320	ng	#	70
56) 2,4-Dinitrotoluene	15.69	165	91577	40.277	ng	#	70
57) Fluorene	16.40	166	271253	38.498	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.96	232	97227	40.272	ng	#	85
59) Diethylphthalate	16.13	149	289957	39.129	ng		98
60) 4-Chlorophenyl-phenylether	16.37	204	175600	39.522	ng		94
61) 4-Nitroaniline	16.40	138	60820	40.682	ng		78
62) Azobenzene	16.67	77	172997	39.065	ng		84
64) 4,6-Dinitro-2-methylphenol	16.45	198	64123	39.250	ng	#	69
65) n-Nitrosodiphenylamine	16.58	169	254963	39.067	ng		98
66) 4-Bromophenyl-phenylether	17.27	248	125880	38.854	ng		95
67) Hexachlorobenzene	17.39	284	138762	38.703	ng	#	90
68) Atrazine	17.51	200	110106	39.301	ng		95
69) Pentachlorophenol	17.73	266	87105	38.783	ng		99
70) Phenanthrene	18.14	178	469249	38.478	ng		99
71) Anthracene	18.22	178	475545	39.162	ng		99
72) Carbazole	18.48	167	414647	38.647	ng		98
73) Di-n-butylphthalate	18.99	149	469649	39.537	ng		99
74) Fluoranthene	20.10	202	614128	38.399	ng		95
76) Benzidine	20.26	184	228202	44.804	ng		97
77) Pyrene	20.46	202	624133	39.230	ng		98
79) Butylbenzylphthalate	21.31	149	199956	39.846	ng	#	75
80) Benzo(a)anthracene	22.40	228	627870	39.045	ng		99
81) 3,3'-Dichlorobenzidine	22.29	252	244493	39.242	ng	#	97
82) Chrysene	22.47	228	601004	38.700	ng		97
83) Bis(2-ethylhexyl)phthalate	22.24	149	284352	39.963	ng	#	97
84) Di-n-octyl phthalate	23.61	149	452771	40.119	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.35	276	779969	39.702	ng	#	86
87) Benzo(b)fluoranthene	24.92	252	658641	39.790	ng	#	94
88) Benzo(k)fluoranthene	24.99	252	645844	39.386	ng	#	95
89) Benzo(a)pyrene	25.93	252	624998	39.605	ng	#	94
90) Dibenzo(a,h)anthracene	30.43	278	641532	39.740	ng	#	94
91) Benzo(g,h,i)perylene	31.70	276	636455	39.720	ng	#	91

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

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