Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG012918\
Data File : BG032421.D
Acq On : 29 Jan 2018 19:18
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jan 30 03:27:58 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	24727	20.00	ng		0.00
21) Naphthalene-d8	11.60	136	109846	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	81925	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	217303	20.00	ng		0.00
75) Chrysene-d12	22.42	240	254203	20.00	ng		0.00
86) Perylene-d12	26.10	264	275079	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	97316	79.05	ng		0.00
7) Phenol-d6	7.84	99	130813	79.63	ng		0.00
23) Nitrobenzene-d5	9.92	82	136467	77.60	ng		0.00
41) 2,4,6-Tribromophenol	16.83	330	127800	81.95	ng		0.00
44) 2-Fluorobiphenyl	13.99	172	527201	76.49	ng		0.00
78) Terphenyl-d14	20.63	244	934503	78.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	16835	40.644	ng	#	69
3) Pyridine	4.27	79	45685	40.848	ng	#	82
4) n-Nitrosodimethylamine	4.18	42	23888	41.030	ng	#	81
6) Aniline	8.02	93	80991	39.542	ng		98
8) 2-Chlorophenol	8.27	128	60293	41.432	ng	#	77
9) Benzaldehyde	7.82	77	33363	39.321	ng	#	72
10) Phenol	7.86	94	64126	41.105	ng		92
11) bis(2-Chloroethyl)ether	8.11	93	48197	40.547	ng	#	82
12) 1,3-Dichlorobenzene	8.61	146	76850	39.050	ng		94
13) 1,4-Dichlorobenzene	8.76	146	78668	39.883	ng		94
14) 1,2-Dichlorobenzene	9.09	146	74888	38.757	ng		95
15) Benzyl Alcohol	8.96	79	55905	41.291	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	9.25	45	43791	38.878	ng		78
17) 2-Methylphenol	9.16	107	50193	39.614	ng		95
18) Hexachloroethane	9.84	117	25549	38.579	ng	#	81
19) n-Nitroso-di-n-propylamine	9.53	70	43223	39.682	ng	#	93
20) 3+4-Methylphenols	9.49	107	73032	41.092	ng		94
22) Acetophenone	9.56	105	97847	38.000	ng	#	92
24) Nitrobenzene	9.96	77	67278	39.562	ng	#	89
25) Isophorone	10.49	82	117630	39.282	ng	#	86
26) 2-Nitrophenol	10.69	139	40653	39.546	ng	#	76
27) 2,4-Dimethylphenol	10.73	122	58035	39.332	ng		95
28) bis(2-Chloroethoxy)methane	10.97	93	65717	40.021	ng	#	88
29) 2,4-Dichlorophenol	11.23	162	78182	39.998	ng		89
30) 1,2,4-Trichlorobenzene	11.45	180	101313	38.890	ng		95
31) Naphthalene	11.65	128	209443	39.039	ng		99
32) Benzoic acid	10.85	122	37164	35.924	ng		86
33) 4-Chloroaniline	11.75	127	93286	38.985	ng	#	91
34) Hexachlorobutadiene	11.92	225	75492	37.245	ng		96
35) Caprolactam	12.49	113	23146	41.250	ng	#	49
36) 4-Chloro-3-methylphenol	12.82	107	75492	40.717	ng		92
37) 2-Methylnaphthalene	13.22	142	176454	39.149	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	147545	38.496	ng	#	96
40) Hexachlorocyclopentadiene	13.55	237	90204	37.668	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	83789	40.191	ng		99
43) 2,4,5-Trichlorophenol	13.88	196	97774	40.232	ng	#	88
45) 1,1'-Biphenyl	14.20	154	268476	38.789	ng		95
46) 2-Chloronaphthalene	14.25	162	211651	39.015	ng		95
47) 2-Nitroaniline	14.43	65	47359	39.477	ng	#	71
48) Acenaphthylene	15.09	152	323335	39.426	ng		99
49) Dimethylphthalate	14.79	163	290987	38.522	ng	#	98
50) 2,6-Dinitrotoluene	14.92	165	62419	39.370	ng	#	82
51) Acenaphthene	15.42	154	224728	39.511	ng		99
52) 3-Nitroaniline	15.25	138	55493	40.072	ng	#	71
53) 2,4-Dinitrophenol	15.45	184	33412	36.133	ng	#	63
54) Dibenzofuran	15.75	168	330042	39.205	ng		98
55) 4-Nitrophenol	15.53	139	41764	40.283	ng	#	75
56) 2,4-Dinitrotoluene	15.70	165	92299	40.887	ng	#	66
57) Fluorene	16.40	166	275173	39.336	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.97	232	96800	40.385	ng	#	85
59) Diethylphthalate	16.13	149	284615	38.686	ng		96
60) 4-Chlorophenyl-phenylether	16.37	204	173959	39.436	ng		95
61) 4-Nitroaniline	16.40	138	58067	39.121	ng	#	78
62) Azobenzene	16.67	77	170787	38.845	ng	#	83
64) 4,6-Dinitro-2-methylphenol	16.45	198	62051	38.223	ng	#	67
65) n-Nitrosodiphenylamine	16.58	169	254284	39.211	ng		99
66) 4-Bromophenyl-phenylether	17.27	248	126958	39.436	ng		95
67) Hexachlorobenzene	17.39	284	140515	39.441	ng	#	92
68) Atrazine	17.51	200	107808	38.725	ng		95
69) Pentachlorophenol	17.73	266	87517	39.214	ng		98
70) Phenanthrene	18.14	178	471139	38.878	ng		100
71) Anthracene	18.22	178	473604	39.250	ng		98
72) Carbazole	18.48	167	405890	38.071	ng		99
73) Di-n-butylphthalate	18.99	149	468540	39.694	ng		99
74) Fluoranthene	20.10	202	594771	37.425	ng		94
76) Benzidine	20.26	184	214703	43.013	ng		97
77) Pyrene	20.46	202	613425	39.344	ng		99
79) Butylbenzylphthalate	21.31	149	198885	40.441	ng	#	77
80) Benzo(a)anthracene	22.40	228	621773	39.455	ng		98
81) 3,3'-Dichlorobenzidine	22.29	252	239381	39.206	ng	#	95
82) Chrysene	22.48	228	594775	39.081	ng		96
83) Bis(2-ethylhexyl)phthalate	22.24	149	279237	40.045	ng	#	98
84) Di-n-octyl phthalate	23.61	149	448412	40.543	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.36	276	779913	40.509	ng	#	55
87) Benzo(b)fluoranthene	24.92	252	653773	39.334	ng	#	96
88) Benzo(k)fluoranthene	25.00	252	642743	39.037	ng	#	96
89) Benzo(a)pyrene	25.93	252	625186	39.455	ng	#	97
90) Dibenzo(a,h)anthracene	30.44	278	651625	40.200	ng	#	91
91) Benzo(g,h,i)perylene	31.70	276	641354	39.862	ng	#	90

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

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