Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
Data File : BG032347.D
Acq On : 27 Jan 2018 9:14
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 27 23:14:47 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	34578	20.00	ng		0.01
21) Naphthalene-d8	11.61	136	134993	20.00	ng		0.00
38) Acenaphthene-d10	15.37	164	94714	20.00	ng		0.01
63) Phenanthrene-d10	18.12	188	242021	20.00	ng		0.02
75) Chrysene-d12	22.47	240	306100	20.00	ng		0.05
86) Perylene-d12	26.23	264	335916	20.00	ng		0.12
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	150588	79.65	ng		0.00
7) Phenol-d6	7.84	99	195106	81.94	ng		0.00
23) Nitrobenzene-d5	9.93	82	189865	95.15	ng		0.01
41) 2,4,6-Tribromophenol	16.85	330	143940	91.84	ng		0.02
44) 2-Fluorobiphenyl	14.00	172	663138	86.81	ng		0.01
78) Terphenyl-d14	20.66	244	1147222	82.75	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.83	88	29102	40.067	ng	#	72
3) Pyridine	4.28	79	71265	36.758	ng	#	85
4) n-Nitrosodimethylamine	4.19	42	35016	51.409	ng	#	83
6) Aniline	8.02	93	118698	39.522	ng		96
8) 2-Chlorophenol	8.28	128	85889	40.598	ng		83
9) Benzaldehyde	7.83	77	48698	35.298	ng		99
10) Phenol	7.87	94	91459	38.992	ng		92
11) bis(2-Chloroethyl)ether	8.12	93	68869	36.649	ng	#	81
12) 1,3-Dichlorobenzene	8.62	146	118186	42.684	ng		93
13) 1,4-Dichlorobenzene	8.77	146	115458	41.414	ng		97
14) 1,2-Dichlorobenzene	9.10	146	110150	40.850	ng		96
15) Benzyl Alcohol	8.97	79	79058	45.704	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.26	45	67873	35.540	ng		79
17) 2-Methylphenol	9.17	107	70488	39.323	ng		94
18) Hexachloroethane	9.86	117	37645	43.937	ng	#	75
19) n-Nitroso-di-n-propylamine	9.54	70	60904	41.224	ng	#	90
20) 3+4-Methylphenols	9.50	107	99698	40.148	ng		97
22) Acetophenone	9.57	105	132947	43.357	ng	#	92
24) Nitrobenzene	9.97	77	91674	46.060	ng		92
25) Isophorone	10.50	82	158215	42.584	ng	#	87
26) 2-Nitrophenol	10.70	139	53984	45.775	ng		88
27) 2,4-Dimethylphenol	10.74	122	78173	41.771	ng		93
28) bis(2-Chloroethoxy)methane	10.98	93	90220	40.304	ng	#	96
29) 2,4-Dichlorophenol	11.24	162	107330	46.609	ng		86
30) 1,2,4-Trichlorobenzene	11.47	180	139282	46.834	ng		99
31) Naphthalene	11.67	128	286123	42.786	ng		99
32) Benzoic acid	10.87	122	62080	42.079	ng		86
33) 4-Chloroaniline	11.76	127	123425	43.041	ng		95
34) Hexachlorobutadiene	11.94	225	107735	50.437	ng		96
35) Caprolactam	12.51	113	30460	43.601	ng	#	39
36) 4-Chloro-3-methylphenol	12.84	107	94339	44.758	ng		91
37) 2-Methylnaphthalene	13.23	142	226292	42.623	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.59	216	191837	46.466	ng	#	96
40) Hexachlorocyclopentadiene	13.56	237	122225	52.562	ng		92

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.82	196	103890	44.785 ng		99
43) 2,4,5-Trichlorophenol	13.89	196	119421	44.475 ng	#	89
45) 1,1'-Biphenyl	14.21	154	339165	41.771 ng		95
46) 2-Chloronaphthalene	14.26	162	262515	41.560 ng		97
47) 2-Nitroaniline	14.45	65	57374	47.447 ng	#	75
48) Acenaphthylene	15.10	152	400438	41.631 ng		98
49) Dimethylphthalate	14.80	163	352814	42.568 ng	#	99
50) 2,6-Dinitrotoluene	14.93	165	75026	43.611 ng	#	78
51) Acenaphthene	15.44	154	274700	43.190 ng		99
52) 3-Nitroaniline	15.27	138	67905	43.702 ng	#	75
53) 2,4-Dinitrophenol	15.46	184	41217	50.567 ng	#	84
54) Dibenzofuran	15.77	168	400673	42.229 ng		97
55) 4-Nitrophenol	15.54	139	51664	45.625 ng	#	74
56) 2,4-Dinitrotoluene	15.71	165	112117	48.406 ng	#	67
57) Fluorene	16.41	166	330267	42.442 ng		97
58) 2,3,4,6-Tetrachlorophenol	15.98	232	117204	47.185 ng	#	84
59) Diethylphthalate	16.15	149	335586	41.765 ng		95
60) 4-Chlorophenyl-phenylether	16.39	204	210857	44.172 ng		95
61) 4-Nitroaniline	16.43	138	70168	47.077 ng		81
62) Azobenzene	16.68	77	208451	41.448 ng		86
64) 4,6-Dinitro-2-methylphenol	16.47	198	75549	48.691 ng	#	70
65) n-Nitrosodiphenylamine	16.60	169	301195	41.013 ng		99
66) 4-Bromophenyl-phenylether	17.29	248	148832	43.221 ng		97
67) Hexachlorobenzene	17.42	284	163357	42.879 ng	#	90
68) Atrazine	17.53	200	136150	44.083 ng		97
69) Pentachlorophenol	17.75	266	111121	45.633 ng		95
70) Phenanthrene	18.16	178	560384	41.588 ng		100
71) Anthracene	18.25	178	564696	42.017 ng		98
72) Carbazole	18.51	167	509954	43.740 ng		98
73) Di-n-butylphthalate	19.02	149	573597	41.636 ng		99
74) Fluoranthene	20.13	202	758965	44.986 ng		95
76) Benzidine	20.29	184	391922	51.202 ng		99
77) Pyrene	20.48	202	773693	40.207 ng		99
79) Butylbenzylphthalate	21.35	149	261225	37.889 ng	#	75
80) Benzo(a)anthracene	22.45	228	806845	42.384 ng		98
81) 3,3'-Dichlorobenzidine	22.34	252	320625	45.087 ng	#	97
82) Chrysene	22.53	228	775561	42.422 ng		98
83) Bis(2-ethylhexyl)phthalate	22.29	149	374619	37.054 ng	#	95
84) Di-n-octyl phthalate	23.69	149	592835	36.921 ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.61	276	1011350	45.203 ng	#	85
87) Benzo(b)fluoranthene	25.02	252	855371	42.128 ng	#	95
88) Benzo(k)fluoranthene	25.10	252	830550	41.861 ng	#	95
89) Benzo(a)pyrene	26.05	252	819186	42.650 ng	#	95
90) Dibenzo(a,h)anthracene	30.70	278	846485	45.734 ng	#	95
91) Benzo(g,h,i)perylene	31.99	276	829580	43.852 ng	#	91

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

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