Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG012918\
Data File : BG032411.D
Acq On : 29 Jan 2018 12:29
Operator : SJ/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Jan 29 13:22:32 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 12:57:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	25882	20.00	ng		0.00
21) Naphthalene-d8	11.60	136	117820	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	82603	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	218461	20.00	ng		0.00
75) Chrysene-d12	22.42	240	260304	20.00	ng		0.00
86) Perylene-d12	26.10	264	279625	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	136126	96.19	ng		0.00
7) Phenol-d6	7.84	99	186153	104.45	ng		0.00
23) Nitrobenzene-d5	9.92	82	188528	108.26	ng		0.00
41) 2,4,6-Tribromophenol	16.83	330	165694	121.22	ng		0.00
44) 2-Fluorobiphenyl	13.98	172	702693	105.48	ng		0.00
78) Terphenyl-d14	20.63	244	1196297	101.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.81	88	21721	39.953	ng	#	71
3) Pyridine	4.27	79	63976	44.085	ng	#	84
4) n-Nitrosodimethylamine	4.18	42	33340	65.395	ng	#	71
6) Aniline	8.01	93	112090	49.861	ng		95
8) 2-Chlorophenol	8.27	128	82044	51.811	ng	#	80
9) Benzaldehyde	7.83	77	41812	40.490	ng		97
10) Phenol	7.86	94	86162	49.076	ng		94
11) bis(2-Chloroethyl)ether	8.11	93	67299	47.846	ng	#	82
12) 1,3-Dichlorobenzene	8.61	146	106481	51.378	ng		93
13) 1,4-Dichlorobenzene	8.76	146	108887	52.180	ng		93
14) 1,2-Dichlorobenzene	9.09	146	102529	50.799	ng		96
15) Benzyl Alcohol	8.96	79	74126	57.251	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.25	45	60846	42.566	ng		76
17) 2-Methylphenol	9.16	107	68406	50.983	ng		94
18) Hexachloroethane	9.85	117	35414	55.220	ng	#	82
19) n-Nitroso-di-n-propylamine	9.54	70	60851	55.027	ng	#	90
20) 3+4-Methylphenols	9.49	107	98829	53.170	ng		90
22) Acetophenone	9.57	105	135801	50.743	ng	#	93
24) Nitrobenzene	9.96	77	93915	54.064	ng	#	86
25) Isophorone	10.49	82	162974	50.258	ng	#	83
26) 2-Nitrophenol	10.69	139	55887	54.296	ng	#	83
27) 2,4-Dimethylphenol	10.72	122	78121	47.828	ng		95
28) bis(2-Chloroethoxy)methane	10.97	93	90374	46.257	ng	#	93
29) 2,4-Dichlorophenol	11.23	162	107311	53.393	ng		88
30) 1,2,4-Trichlorobenzene	11.46	180	136909	52.746	ng		95
31) Naphthalene	11.66	128	290973	49.854	ng		97
32) Benzoic acid	10.86	122	56932	47.465	ng	#	84
33) 4-Chloroaniline	11.75	127	130215	52.027	ng		94
34) Hexachlorobutadiene	11.92	225	106904	57.342	ng		96
35) Caprolactam	12.51	113	32097	52.641	ng	#	38
36) 4-Chloro-3-methylphenol	12.83	107	101323	55.078	ng	#	88
37) 2-Methylnaphthalene	13.22	142	237994	51.361	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.57	216	197153	54.755	ng	#	97
40) Hexachlorocyclopentadiene	13.55	237	129979	64.092	ng		88

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	111606	55.165	ng		95
43) 2,4,5-Trichlorophenol	13.88	196	128338	54.804	ng	#	91
45) 1,1'-Biphenyl	14.20	154	360576	50.919	ng		95
46) 2-Chloronaphthalene	14.25	162	281743	51.144	ng		97
47) 2-Nitroaniline	14.44	65	66357	62.921	ng	#	79
48) Acenaphthylene	15.09	152	427796	50.996	ng		99
49) Dimethylphthalate	14.79	163	388010	53.678	ng	#	98
50) 2,6-Dinitrotoluene	14.92	165	86590	57.712	ng	#	74
51) Acenaphthene	15.42	154	303678	54.746	ng		99
52) 3-Nitroaniline	15.25	138	74722	55.141	ng	#	71
53) 2,4-Dinitrophenol	15.45	184	51763	82.060	ng	#	82
54) Dibenzofuran	15.75	168	434341	52.489	ng		99
55) 4-Nitrophenol	15.53	139	56969	57.686	ng	#	75
56) 2,4-Dinitrotoluene	15.70	165	119815	59.315	ng	#	67
57) Fluorene	16.40	166	359050	52.906	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.96	232	126964	58.608	ng	#	85
59) Diethylphthalate	16.13	149	376056	53.664	ng		96
60) 4-Chlorophenyl-phenylether	16.37	204	228501	54.887	ng		94
61) 4-Nitroaniline	16.41	138	78014	60.015	ng		81
62) Azobenzene	16.67	77	228879	52.183	ng		84
64) 4,6-Dinitro-2-methylphenol	16.46	198	86801	66.771	ng	#	64
65) n-Nitrosodiphenylamine	16.59	169	330597	49.871	ng		99
66) 4-Bromophenyl-phenylether	17.27	248	169561	54.551	ng		95
67) Hexachlorobenzene	17.40	284	183219	53.279	ng	#	91
68) Atrazine	17.51	200	141172	50.639	ng		95
69) Pentachlorophenol	17.73	266	122181	55.586	ng		99
70) Phenanthrene	18.13	178	613652	50.452	ng		99
71) Anthracene	18.23	178	621183	51.205	ng		98
72) Carbazole	18.48	167	537018	51.029	ng		98
73) Di-n-butylphthalate	18.99	149	607331	48.839	ng		99
74) Fluoranthene	20.10	202	789076	51.815	ng		95
76) Benzidine	20.26	184	266083	40.878	ng		98
77) Pyrene	20.46	202	794530	48.554	ng		100
79) Butylbenzylphthalate	21.31	149	264770	45.160	ng	#	77
80) Benzo(a)anthracene	22.40	228	809623	50.012	ng		99
81) 3,3'-Dichlorobenzidine	22.29	252	312358	51.652	ng	#	97
82) Chrysene	22.48	228	781888	50.292	ng		99
83) Bis(2-ethylhexyl)phthalate	22.24	149	374212	43.526	ng	#	98
84) Di-n-octyl phthalate	23.61	149	598533	43.833	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.38	276	1031438	54.212	ng	#	84
87) Benzo(b)fluoranthene	24.92	252	851174	50.360	ng	#	95
88) Benzo(k)fluoranthene	25.00	252	855503	51.799	ng	#	95
89) Benzo(a)pyrene	25.93	252	827340	51.746	ng	#	96
90) Dibenzo(a,h)anthracene	30.45	278	856963	55.621	ng	#	94
91) Benzo(g,h,i)perylene	31.73	276	843102	53.539	ng	#	91

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

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