Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
Data File : BG033244.D
Acq On : 19 Mar 2018 17:48
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Mar 19 18:22:01 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 19 16:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	37759	20.00	ng		0.00
21) Naphthalene-d8	11.79	136	161110	20.00	ng		0.00
38) Acenaphthene-d10	15.51	164	122892	20.00	ng		0.00
63) Phenanthrene-d10	18.24	188	318884	20.00	ng		0.00
75) Chrysene-d12	22.60	240	302918	20.00	ng		0.00
86) Perylene-d12	26.39	264	315605	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	177165	87.98	ng		0.00
7) Phenol-d6	8.00	99	281665	81.41	ng		0.00
23) Nitrobenzene-d5	10.10	82	297570	84.86	ng		0.00
41) 2,4,6-Tribromophenol	16.99	330	157904	85.91	ng		0.00
44) 2-Fluorobiphenyl	14.14	172	702214	82.49	ng		0.00
78) Terphenyl-d14	20.76	244	1160330	81.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.95	88	42420	41.482	ng		87
3) Pyridine	4.42	79	116111	41.074	ng		96
4) n-Nitrosodimethylamine	4.33	42	47829	41.228	ng	#	87
6) Aniline	8.19	93	170204	41.831	ng		97
8) 2-Chlorophenol	8.45	128	93408	40.576	ng		99
9) Benzaldehyde	8.00	77	84432	38.399	ng		96
10) Phenol	8.03	94	139246	40.763	ng		90
11) bis(2-Chloroethyl)ether	8.28	93	112831	40.466	ng		97
12) 1,3-Dichlorobenzene	8.78	146	122013	40.540	ng		96
13) 1,4-Dichlorobenzene	8.94	146	120021	39.819	ng		96
14) 1,2-Dichlorobenzene	9.27	146	120099	40.825	ng		98
15) Benzyl Alcohol	9.14	79	112354	41.244	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.42	45	187587	41.269	ng		90
17) 2-Methylphenol	9.33	107	95179	40.900	ng	#	88
18) Hexachloroethane	10.02	117	47319	40.675	ng		96
19) n-Nitroso-di-n-propylamine	9.71	70	101457	40.018	ng	#	97
20) 3+4-Methylphenols	9.67	107	142421	42.984	ng		90
22) Acetophenone	9.74	105	185385	42.001	ng	#	99
24) Nitrobenzene	10.15	77	158603	42.256	ng	#	90
25) Isophorone	10.66	82	282812	41.554	ng		98
26) 2-Nitrophenol	10.87	139	63600	44.757	ng	#	86
27) 2,4-Dimethylphenol	10.90	122	86441	41.874	ng		94
28) bis(2-Chloroethoxy)methane	11.15	93	145208	42.761	ng		98
29) 2,4-Dichlorophenol	11.42	162	109401	43.093	ng		95
30) 1,2,4-Trichlorobenzene	11.63	180	139273	42.225	ng		99
31) Naphthalene	11.83	128	345200	41.347	ng		98
32) Benzoic acid	11.03	122	80401	41.897	ng	#	84
33) 4-Chloroaniline	11.93	127	156077	41.727	ng		93
34) Hexachlorobutadiene	12.09	225	103391	41.451	ng		97
35) Caprolactam	12.67	113	42311	42.542	ng		99
36) 4-Chloro-3-methylphenol	12.99	107	143227	43.256	ng		92
37) 2-Methylnaphthalene	13.38	142	265292	40.940	ng		89
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	178941	40.198	ng		98
40) Hexachlorocyclopentadiene	13.71	237	108609	41.620	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	109820	42.462	ng		98
43) 2,4,5-Trichlorophenol	14.04	196	135524	44.332	ng		95
45) 1,1'-Biphenyl	14.35	154	396438	41.989	ng		95
46) 2-Chloronaphthalene	14.41	162	300486	41.276	ng		97
47) 2-Nitroaniline	14.60	65	121841	44.684	ng		97
48) Acenaphthylene	15.25	152	500441	41.183	ng		98
49) Dimethylphthalate	14.94	163	444333	41.546	ng		100
50) 2,6-Dinitrotoluene	15.07	165	94047	43.006	ng		97
51) Acenaphthene	15.58	154	324477	41.423	ng		94
52) 3-Nitroaniline	15.41	138	98046	42.765	ng	#	90
53) 2,4-Dinitrophenol	15.61	184	41296	40.625	ng		94
54) Dibenzofuran	15.91	168	469262	40.556	ng		92
55) 4-Nitrophenol	15.69	139	65072	40.364	ng	#	75
56) 2,4-Dinitrotoluene	15.85	165	138413	42.987	ng		91
57) Fluorene	16.55	166	405308	41.117	ng		100
58) 2,3,4,6-Tetrachlorophenol	16.12	232	120323	41.809	ng		97
59) Diethylphthalate	16.28	149	434159	41.806	ng		99
60) 4-Chlorophenyl-phenylether	16.52	204	231017	40.769	ng		96
61) 4-Nitroaniline	16.56	138	96336	41.494	ng		88
62) Azobenzene	16.82	77	426906	42.436	ng		97
64) 4,6-Dinitro-2-methylphenol	16.60	198	79244	41.540	ng		97
65) n-Nitrosodiphenylamine	16.73	169	374879	41.179	ng		97
66) 4-Bromophenyl-phenylether	17.42	248	152919	40.833	ng		96
67) Hexachlorobenzene	17.54	284	158176	40.021	ng		95
68) Atrazine	17.66	200	152387	41.309	ng		100
69) Pentachlorophenol	17.88	266	110635	40.784	ng		98
70) Phenanthrene	18.28	178	667656	40.202	ng		99
71) Anthracene	18.38	178	672576	39.997	ng		100
72) Carbazole	18.63	167	602089	40.406	ng		96
73) Di-n-butylphthalate	19.12	149	704080	40.595	ng	#	97
74) Fluoranthene	20.24	202	815907	39.701	ng		97
76) Benzidine	20.40	184	378993	46.136	ng		99
77) Pyrene	20.59	202	830312	41.099	ng		99
79) Butylbenzylphthalate	21.45	149	304814	40.886	ng		97
80) Benzo(a)anthracene	22.58	228	776823	40.274	ng		99
81) 3,3'-Dichlorobenzidine	22.46	252	290044	42.257	ng		97
82) Chrysene	22.66	228	754349	40.401	ng		97
83) Bis(2-ethylhexyl)phthalate	22.40	149	418280	40.700	ng		99
84) Di-n-octyl phthalate	23.80	149	646951	41.114	ng		99
85) Indeno(1,2,3-cd)pyrene	30.81	276	837367	41.480	ng	#	86
87) Benzo(b)fluoranthene	25.17	252	743492	40.775	ng	#	96
88) Benzo(k)fluoranthene	25.25	252	757759	41.090	ng	#	97
89) Benzo(a)pyrene	26.21	252	721881	41.225	ng		98
90) Dibenzo(a,h)anthracene	30.90	278	692856	42.006	ng	#	96
91) Benzo(g,h,i)perylene	32.20	276	678129	41.518	ng	#	94

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

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