Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111517\
Data File : BG031026.D
Acq On : 15 Nov 2017 23:11
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 16 07:45:31 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	36037	20.00	ng		-0.01
21) Naphthalene-d8	10.95	136	154814	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	113813	20.00	ng		-0.01
63) Phenanthrene-d10	17.50	188	315730	20.00	ng		-0.01
75) Chrysene-d12	21.77	240	419680	20.00	ng		-0.01
86) Perylene-d12	25.06	264	431529	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	156024	74.24	ng		-0.01
7) Phenol-d6	7.31	99	204438	72.21	ng		0.00
23) Nitrobenzene-d5	9.31	82	201464	77.11	ng		-0.01
41) 2,4,6-Tribromophenol	16.24	330	171305	93.04	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	688845	86.97	ng		-0.02
78) Terphenyl-d14	20.09	244	1473503	77.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	27683	32.460	ng	#	80
3) Pyridine	3.96	79	80577	32.544	ng		87
4) n-Nitrosodimethylamine	3.87	42	43075	36.709	ng	#	76
6) Aniline	7.46	93	129330	34.709	ng		96
8) 2-Chlorophenol	7.71	128	87318	37.650	ng		85
9) Benzaldehyde	7.28	77	66332	33.479	ng		89
10) Phenol	7.33	94	105657	35.934	ng		97
11) bis(2-Chloroethyl)ether	7.55	93	80531	34.302	ng		84
12) 1,3-Dichlorobenzene	8.03	146	106368	39.091	ng		96
13) 1,4-Dichlorobenzene	8.18	146	110825	40.192	ng		96
14) 1,2-Dichlorobenzene	8.50	146	104905	39.638	ng		98
15) Benzyl Alcohol	8.38	79	80341	35.376	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.66	45	66714	25.727	ng		83
17) 2-Methylphenol	8.59	107	71886	35.109	ng		93
18) Hexachloroethane	9.23	117	37490	39.065	ng	#	79
19) n-Nitroso-di-n-propylamine	8.94	70	73200	34.003	ng	#	94
20) 3+4-Methylphenols	8.92	107	103402	35.516	ng		91
22) Acetophenone	8.96	105	152077	39.452	ng	#	93
24) Nitrobenzene	9.35	77	101229	37.931	ng	#	89
25) Isophorone	9.87	82	180393	35.404	ng	#	89
26) 2-Nitrophenol	10.06	139	58444	42.013	ng	#	85
27) 2,4-Dimethylphenol	10.12	122	79941	38.709	ng		93
28) bis(2-Chloroethoxy)methane	10.35	93	112955	35.198	ng	#	93
29) 2,4-Dichlorophenol	10.61	162	110557	44.581	ng		87
30) 1,2,4-Trichlorobenzene	10.81	180	138676	46.838	ng		97
31) Naphthalene	11.01	128	294293	38.669	ng		99
32) Benzoic acid	10.26	122	40021	26.184	ng	#	84
33) 4-Chloroaniline	11.11	127	133586	40.097	ng		95
34) Hexachlorobutadiene	11.28	225	101387	49.376	ng		99
35) Caprolactam	11.89	113	36721	36.247	ng	#	55
36) 4-Chloro-3-methylphenol	12.24	107	108223	40.096	ng	#	83
37) 2-Methylnaphthalene	12.60	142	247097	42.058	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	219305	48.549	ng	#	94
40) Hexachlorocyclopentadiene	12.94	237	60788	42.196	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	119457	46.260	ng		95
43) 2,4,5-Trichlorophenol	13.29	196	129442	45.814	ng	#	90
45) 1,1'-Biphenyl	13.60	154	384607	40.752	ng		97
46) 2-Chloronaphthalene	13.65	162	282873	41.541	ng		95
47) 2-Nitroaniline	13.85	65	70579	34.970	ng	#	79
48) Acenaphthylene	14.49	152	441838	39.644	ng		98
49) Dimethylphthalate	14.21	163	408057	41.466	ng		99
50) 2,6-Dinitrotoluene	14.33	165	89157	43.956	ng	#	72
51) Acenaphthene	14.83	154	285100	40.960	ng		98
52) 3-Nitroaniline	14.66	138	82976	38.527	ng	#	79
53) 2,4-Dinitrophenol	14.88	184	38215	37.601	ng	#	46
54) Dibenzofuran	15.16	168	468834	42.288	ng		99
55) 4-Nitrophenol	14.99	139	57761	37.650	ng	#	79
56) 2,4-Dinitrotoluene	15.12	165	131136	44.721	ng	#	68
57) Fluorene	15.80	166	385651	42.845	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	133335	49.515	ng	#	82
59) Diethylphthalate	15.56	149	403764	40.393	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	252526	46.454	ng	#	87
61) 4-Nitroaniline	15.83	138	90734	39.786	ng		86
62) Azobenzene	16.08	77	266756	34.992	ng		90
64) 4,6-Dinitro-2-methylphenol	15.88	198	72958	34.765	ng	#	72
65) n-Nitrosodiphenylamine	16.00	169	377682	39.476	ng		99
66) 4-Bromophenyl-phenylether	16.68	248	173222	43.318	ng		95
67) Hexachlorobenzene	16.81	284	186257	43.836	ng	#	89
68) Atrazine	16.94	200	162677	41.211	ng		97
69) Pentachlorophenol	17.15	266	101965	43.413	ng		99
70) Phenanthrene	17.54	178	679766	41.351	ng		100
71) Anthracene	17.64	178	681726	41.387	ng		98
72) Carbazole	17.90	167	618416	40.068	ng		99
73) Di-n-butylphthalate	18.44	149	703279	37.111	ng		99
74) Fluoranthene	19.54	202	957103	45.983	ng		95
76) Benzidine	19.72	184	439766	32.621	ng		97
77) Pyrene	19.90	202	981803	39.424	ng		98
79) Butylbenzylphthalate	20.77	149	350844	35.333	ng	#	75
80) Benzo(a)anthracene	21.75	228	1033377	39.640	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	416468	39.577	ng	#	95
82) Chrysene	21.82	228	972915	40.345	ng		97
83) Bis(2-ethylhexyl)phthalate	21.63	149	493818	34.453	ng	#	98
84) Di-n-octyl phthalate	22.85	149	845093	36.225	ng	#	90
85) Indeno(1,2,3-cd)pyrene	28.85	276	1198322	40.876	ng	#	87
87) Benzo(b)fluoranthene	24.02	252	1085070	41.569	ng	#	96
88) Benzo(k)fluoranthene	24.09	252	1044952	40.387	ng	#	95
89) Benzo(a)pyrene	24.91	252	1002816	40.440	ng	#	96
90) Dibenzo(a,h)anthracene	28.90	278	1002940	39.570	ng	#	94
91) Benzo(g,h,i)perylene	30.04	276	982208	39.927	ng	#	93

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

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