Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
Data File : BG031187.D
Acq On : 22 Nov 2017 13:39
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/27/2017 3:21:55 PM

Quant Time: Nov 24 01:47:41 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	52219	20.00	ng		-0.02
21) Naphthalene-d8	10.95	136	237759	20.00	ng		-0.02
38) Acenaphthene-d10	14.76	164	162439	20.00	ng		-0.02
63) Phenanthrene-d10	17.50	188	417557	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	483019	20.00	ng		-0.01
86) Perylene-d12	25.07	264	474560	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	259387	85.18	ng		-0.02
7) Phenol-d6	7.30	99	350257	85.37	ng		0.00
23) Nitrobenzene-d5	9.31	82	320485	79.87	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	177735	67.64	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	904467	80.01	ng		-0.02
78) Terphenyl-d14	20.09	244	1679935	76.80	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	50915	41.200	ng	#	82
3) Pyridine	3.95	79	148739	41.458	ng		89
4) n-Nitrosodimethylamine	3.87	42	64469	37.915	ng	#	90
6) Aniline	7.46	93	221886	41.096	ng		94
8) 2-Chlorophenol	7.70	128	143366	42.660	ng		88
9) Benzaldehyde	7.27	77	108881	37.925	ng		90
10) Phenol	7.33	94	181927	42.700	ng		89
11) bis(2-Chloroethyl)ether	7.55	93	142017	41.747	ng		90
12) 1,3-Dichlorobenzene	8.03	146	164760	41.787	ng		96
13) 1,4-Dichlorobenzene	8.17	146	168085	42.068	ng		95
14) 1,2-Dichlorobenzene	8.49	146	159124	41.493	ng		97
15) Benzyl Alcohol	8.37	79	130781	39.741	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.66	45	179294m	47.715	ng		
17) 2-Methylphenol	8.58	107	117923	39.746	ng		95
18) Hexachloroethane	9.22	117	57915	41.647	ng		94
19) n-Nitroso-di-n-propylamine	8.94	70	120286	38.561	ng	#	94
20) 3+4-Methylphenols	8.91	107	173105	41.032	ng		93
22) Acetophenone	8.96	105	239920	40.527	ng	#	93
24) Nitrobenzene	9.35	77	163725	39.946	ng	#	90
25) Isophorone	9.86	82	298102	38.095	ng	#	92
26) 2-Nitrophenol	10.06	139	89368	41.831	ng	#	86
27) 2,4-Dimethylphenol	10.12	122	130162	41.039	ng		91
28) bis(2-Chloroethoxy)methane	10.34	93	197485	40.070	ng		95
29) 2,4-Dichlorophenol	10.60	162	161409	42.380	ng		91
30) 1,2,4-Trichlorobenzene	10.81	180	189613	41.700	ng		96
31) Naphthalene	11.00	128	479274	41.006	ng		98
32) Benzoic acid	10.27	122	87521	34.885	ng		86
33) 4-Chloroaniline	11.11	127	210542	41.149	ng		93
34) Hexachlorobutadiene	11.28	225	127326	40.376	ng		97
35) Caprolactam	11.88	113	56682	36.432	ng	#	75
36) 4-Chloro-3-methylphenol	12.23	107	165353	39.890	ng	#	85
37) 2-Methylnaphthalene	12.60	142	369431	40.944	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	265583	41.194	ng	#	96
40) Hexachlorocyclopentadiene	12.94	237	91532	43.931	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	147011	39.888	ng		98
43) 2,4,5-Trichlorophenol	13.28	196	158976	39.424	ng		94
45) 1,1'-Biphenyl	13.59	154	541472	40.198	ng		99
46) 2-Chloronaphthalene	13.64	162	400236	41.182	ng		94
47) 2-Nitroaniline	13.84	65	110141	38.236	ng	#	77
48) Acenaphthylene	14.48	152	645097	40.555	ng		98
49) Dimethylphthalate	14.20	163	548626	39.062	ng		99
50) 2,6-Dinitrotoluene	14.33	165	119847	41.399	ng	#	77
51) Acenaphthene	14.82	154	403193	40.586	ng		100
52) 3-Nitroaniline	14.66	138	123014	40.020	ng	#	81
53) 2,4-Dinitrophenol	14.88	184	45669	32.438	ng	#	46
54) Dibenzofuran	15.15	168	640704	40.490	ng		99
55) 4-Nitrophenol	14.99	139	81017	37.000	ng	#	78
56) 2,4-Dinitrotoluene	15.12	165	170812	40.814	ng	#	71
57) Fluorene	15.80	166	514510	40.050	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.38	232	149930	39.011	ng	#	89
59) Diethylphthalate	15.56	149	552080	38.697	ng		99
60) 4-Chlorophenyl-phenylether	15.79	204	317014	40.859	ng		92
61) 4-Nitroaniline	15.82	138	135985	41.778	ng		86
62) Azobenzene	16.08	77	429423	39.467	ng		92
64) 4,6-Dinitro-2-methylphenol	15.89	198	105997	38.191	ng		79
65) n-Nitrosodiphenylamine	16.00	169	504732	39.890	ng		100
66) 4-Bromophenyl-phenylether	16.68	248	200633	37.937	ng		96
67) Hexachlorobenzene	16.81	284	208467	37.098	ng		96
68) Atrazine	16.94	200	200683	38.441	ng		99
69) Pentachlorophenol	17.16	266	106479	34.279	ng		97
70) Phenanthrene	17.54	178	885037	40.708	ng		99
71) Anthracene	17.63	178	890375	40.872	ng		99
72) Carbazole	17.90	167	844891	41.392	ng		99
73) Di-n-butylphthalate	18.44	149	989941	39.499	ng		100
74) Fluoranthene	19.54	202	1170039	42.505	ng		97
76) Benzidine	19.71	184	562914	36.281	ng		97
77) Pyrene	19.90	202	1190428	41.533	ng		96
79) Butylbenzylphthalate	20.76	149	490378	42.910	ng	#	85
80) Benzo(a)anthracene	21.75	228	1232681	41.085	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	471361	38.919	ng		99
82) Chrysene	21.82	228	1146388	41.305	ng		96
83) Bis(2-ethylhexyl)phthalate	21.63	149	693629	42.047	ng		100
84) Di-n-octyl phthalate	22.85	149	1161159	43.246	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.87	276	1300128	38.533	ng		98
87) Benzo(b)fluoranthene	24.02	252	1190332	41.466	ng		99
88) Benzo(k)fluoranthene	24.09	252	1199785	42.167	ng		99
89) Benzo(a)pyrene	24.92	252	1131664	41.498	ng		98
90) Dibenzo(a,h)anthracene	28.92	278	1098514	39.411	ng		98
91) Benzo(g,h,i)perylene	30.05	276	1053198	38.931	ng		98

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

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