Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
Data File : BG031205.D
Acq On : 23 Nov 2017 1:33
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/27/2017 3:22:03 PM

Quant Time: Nov 27 09:52:36 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	56170	20.00	ng		-0.02
21) Naphthalene-d8	10.95	136	260950	20.00	ng		-0.02
38) Acenaphthene-d10	14.76	164	172145	20.00	ng		-0.02
63) Phenanthrene-d10	17.50	188	435452	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	498409	20.00	ng		-0.02
86) Perylene-d12	25.07	264	493469	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	278561	85.04	ng		-0.01
7) Phenol-d6	7.30	99	385033	87.25	ng		0.00
23) Nitrobenzene-d5	9.30	82	349621	79.39	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	184310	66.19	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	981375	81.92	ng		-0.02
78) Terphenyl-d14	20.09	244	1721007	76.25	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	55900	42.052	ng	#	81
3) Pyridine	3.95	79	161284	41.793	ng		87
4) n-Nitrosodimethylamine	3.86	42	70282	38.427	ng	#	90
6) Aniline	7.45	93	241056	41.506	ng		95
8) 2-Chlorophenol	7.70	128	152977	42.318	ng		88
9) Benzaldehyde	7.27	77	116493	37.722	ng		93
10) Phenol	7.33	94	194238	42.383	ng		91
11) bis(2-Chloroethyl)ether	7.55	93	155847	42.590	ng		88
12) 1,3-Dichlorobenzene	8.02	146	177452	41.840	ng		94
13) 1,4-Dichlorobenzene	8.17	146	179491	41.763	ng		97
14) 1,2-Dichlorobenzene	8.49	146	175619	42.573	ng		98
15) Benzyl Alcohol	8.37	79	140297	39.634	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.65	45	185087m	45.792	ng		
17) 2-Methylphenol	8.58	107	135490	42.455	ng		96
18) Hexachloroethane	9.22	117	62563	41.825	ng		95
19) n-Nitroso-di-n-propylamine	8.93	70	131044	39.054	ng	#	96
20) 3+4-Methylphenols	8.91	107	191070	42.104	ng		95
22) Acetophenone	8.96	105	257006	39.555	ng	#	89
24) Nitrobenzene	9.35	77	177383	39.432	ng		89
25) Isophorone	9.86	82	322026	37.495	ng	#	91
26) 2-Nitrophenol	10.06	139	95965	40.927	ng	#	85
27) 2,4-Dimethylphenol	10.12	122	139400	40.045	ng		93
28) bis(2-Chloroethoxy)methane	10.34	93	216747	40.070	ng		97
29) 2,4-Dichlorophenol	10.60	162	174354	41.710	ng		93
30) 1,2,4-Trichlorobenzene	10.81	180	206696	41.417	ng		95
31) Naphthalene	11.00	128	519031	40.461	ng		99
32) Benzoic acid	10.27	122	88601	32.617	ng	#	82
33) 4-Chloroaniline	11.11	127	229210	40.816	ng		93
34) Hexachlorobutadiene	11.28	225	140090	40.476	ng		96
35) Caprolactam	11.88	113	59519	34.855	ng	#	71
36) 4-Chloro-3-methylphenol	12.23	107	177132	38.934	ng	#	84
37) 2-Methylnaphthalene	12.59	142	398163	40.207	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	288485	42.224	ng	#	96
40) Hexachlorocyclopentadiene	12.94	237	101751	45.560	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	159868	40.931	ng		100
43) 2,4,5-Trichlorophenol	13.29	196	171777	40.196	ng	#	91
45) 1,1'-Biphenyl	13.59	154	592357	41.497	ng		98
46) 2-Chloronaphthalene	13.64	162	431631	41.908	ng		96
47) 2-Nitroaniline	13.84	65	118925	38.957	ng	#	85
48) Acenaphthylene	14.48	152	694759	41.215	ng		98
49) Dimethylphthalate	14.20	163	584333	39.258	ng		99
50) 2,6-Dinitrotoluene	14.33	165	127419	41.533	ng	#	73
51) Acenaphthene	14.82	154	432084	41.042	ng		98
52) 3-Nitroaniline	14.66	138	133383	40.946	ng	#	75
53) 2,4-Dinitrophenol	14.88	184	47118m	31.736	ng		
54) Dibenzofuran	15.15	168	690915	41.202	ng		100
55) 4-Nitrophenol	14.99	139	82704	35.641	ng	#	80
56) 2,4-Dinitrotoluene	15.12	165	185480	41.820	ng	#	69
57) Fluorene	15.80	166	558456	41.020	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	156951	38.535	ng	#	89
59) Diethylphthalate	15.55	149	588961	38.955	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	338209	41.133	ng		92
61) 4-Nitroaniline	15.82	138	141504	41.023	ng		85
62) Azobenzene	16.08	77	457880	39.710	ng		92
64) 4,6-Dinitro-2-methylphenol	15.89	198	109226	37.737	ng		78
65) n-Nitrosodiphenylamine	16.00	169	540360	40.951	ng		100
66) 4-Bromophenyl-phenylether	16.68	248	213734	38.754	ng		97
67) Hexachlorobenzene	16.81	284	222303	37.935	ng		95
68) Atrazine	16.94	200	210243	38.617	ng		98
69) Pentachlorophenol	17.15	266	107591	33.214	ng		99
70) Phenanthrene	17.54	178	931257	41.074	ng		98
71) Anthracene	17.63	178	938781	41.323	ng		99
72) Carbazole	17.90	167	880406	41.359	ng		99
73) Di-n-butylphthalate	18.44	149	1023658	39.166	ng		100
74) Fluoranthene	19.54	202	1216176	42.366	ng		98
76) Benzidine	19.71	184	582305	36.372	ng		98
77) Pyrene	19.90	202	1242456	42.010	ng		97
79) Butylbenzylphthalate	20.76	149	501972	42.568	ng	#	83
80) Benzo(a)anthracene	21.75	228	1252854	40.468	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	480444	38.445	ng		98
82) Chrysene	21.82	228	1170301	40.865	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	703305	41.317	ng		100
84) Di-n-octyl phthalate	22.85	149	1190693	42.977	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.86	276	1341366	38.528	ng		99
87) Benzo(b)fluoranthene	24.02	252	1229619	41.194	ng		97
88) Benzo(k)fluoranthene	24.09	252	1209017	40.863	ng		98
89) Benzo(a)pyrene	24.92	252	1165567	41.103	ng		99
90) Dibenzo(a,h)anthracene	28.91	278	1136643	39.216	ng		98
91) Benzo(g,h,i)perylene	30.05	276	1077248	38.294	ng		99

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

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