Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
Data File : BG033056.D
Acq On : 9 Mar 2018 1:25
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/9/2018 11:41:32 AM

Quant Time: Mar 09 07:29:22 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 17:38:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	55881	20.00	ng		0.00
21) Naphthalene-d8	11.80	136	259257	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	149952	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	329449	20.00	ng		0.00
75) Chrysene-d12	22.61	240	302564	20.00	ng		0.00
86) Perylene-d12	26.42	264	333736	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	269934	77.28	ng		0.00
7) Phenol-d6	8.01	99	377349	77.51	ng		0.00
23) Nitrobenzene-d5	10.11	82	342875	90.99	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	131952	83.69	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	748821	72.02	ng		0.00
78) Terphenyl-d14	20.77	244	953463	70.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	57358	37.838	ng		96
3) Pyridine	4.43	79	162448	38.880	ng		90
4) n-Nitrosodimethylamine	4.33	42	73920	44.128	ng	#	83
6) Aniline	8.20	93	241643	36.667	ng		97
8) 2-Chlorophenol	8.46	128	147317	38.533	ng		94
9) Benzaldehyde	8.01	77	108715	38.744	ng		90
10) Phenol	8.04	94	190379	38.791	ng		96
11) bis(2-Chloroethyl)ether	8.29	93	148656	37.042	ng		98
12) 1,3-Dichlorobenzene	8.80	146	162088	36.197	ng		97
13) 1,4-Dichlorobenzene	8.95	146	167766	37.220	ng		96
14) 1,2-Dichlorobenzene	9.28	146	156141	36.150	ng		96
15) Benzyl Alcohol	9.15	79	140177	39.165	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.43	45	292350	42.376	ng		99
17) 2-Methylphenol	9.34	107	135926	37.559	ng		97
18) Hexachloroethane	10.04	117	59008	38.450	ng	#	83
19) n-Nitroso-di-n-propylamine	9.72	70	126736	36.873	ng	#	88
20) 3+4-Methylphenols	9.67	107	194780	38.708	ng		96
22) Acetophenone	9.75	105	242328	37.011	ng	#	98
24) Nitrobenzene	10.16	77	178762	43.870	ng		94
25) Isophorone	10.68	82	323681	35.570	ng		95
26) 2-Nitrophenol	10.88	139	82269	53.947	ng		98
27) 2,4-Dimethylphenol	10.91	122	141380	35.765	ng		91
28) bis(2-Chloroethoxy)methane	11.15	93	189007	35.654	ng		98
29) 2,4-Dichlorophenol	11.42	162	137578	38.346	ng		93
30) 1,2,4-Trichlorobenzene	11.65	180	153503	36.500	ng		96
31) Naphthalene	11.85	128	493627	36.438	ng		98
32) Benzoic acid	11.03	122	105663	44.443	ng		86
33) 4-Chloroaniline	11.94	127	219714	36.273	ng		97
34) Hexachlorobutadiene	12.11	225	87824	37.229	ng		97
35) Caprolactam	12.68	113	55002	38.287	ng		97
36) 4-Chloro-3-methylphenol	12.99	107	169329	40.557	ng		95
37) 2-Methylnaphthalene	13.40	142	355135	36.234	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	162949	36.606	ng	#	97
40) Hexachlorocyclopentadiene	13.72	237	87289	38.477	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	110297	39.291	ng		96
43) 2,4,5-Trichlorophenol	14.04	196	127321	39.188	ng	#	95
45) 1,1'-Biphenyl	14.37	154	468442	35.749	ng		97
46) 2-Chloronaphthalene	14.43	162	349798	35.736	ng		97
47) 2-Nitroaniline	14.61	65	125608	50.293	ng		95
48) Acenaphthylene	15.26	152	577297	36.024	ng		99
49) Dimethylphthalate	14.95	163	453156	35.591	ng		99
50) 2,6-Dinitrotoluene	15.08	165	96935	46.369	ng		92
51) Acenaphthene	15.59	154	375764	37.650	ng		98
52) 3-Nitroaniline	15.41	138	110623	43.306	ng	#	90
53) 2,4-Dinitrophenol	15.61	184	45777	71.717	ng	#	1
54) Dibenzofuran	15.92	168	504572	35.506	ng		95
55) 4-Nitrophenol	15.68	139	68903	37.203	ng		91
56) 2,4-Dinitrotoluene	15.85	165	135083	53.340	ng		87
57) Fluorene	16.56	166	420058	35.813	ng		100
58) 2,3,4,6-Tetrachlorophenol	16.13	232	98536m	39.063	ng		
59) Diethylphthalate	16.29	149	478671	35.644	ng		98
60) 4-Chlorophenyl-phenylether	16.54	204	209977	36.595	ng		90
61) 4-Nitroaniline	16.56	138	106373	39.630	ng		90
62) Azobenzene	16.83	77	437562	36.421	ng		96
64) 4,6-Dinitro-2-methylphenol	16.61	198	62223	59.229	ng		91
65) n-Nitrosodiphenylamine	16.75	169	384871	35.911	ng		99
66) 4-Bromophenyl-phenylether	17.43	248	126147	36.212	ng	#	88
67) Hexachlorobenzene	17.56	284	135953	36.114	ng	#	91
68) Atrazine	17.66	200	122663	34.771	ng		96
69) Pentachlorophenol	17.89	266	89027	37.545	ng		98
70) Phenanthrene	18.30	178	655140	35.644	ng		99
71) Anthracene	18.39	178	664894	36.033	ng		99
72) Carbazole	18.64	167	629454	34.608	ng		98
73) Di-n-butylphthalate	19.14	149	793709	35.571	ng		98
74) Fluoranthene	20.25	202	728588	35.886	ng		95
76) Benzidine	20.41	184	369180	35.796	ng		98
77) Pyrene	20.61	202	748674	35.088	ng		98
79) Butylbenzylphthalate	21.46	149	369545	39.064	ng		94
80) Benzo(a)anthracene	22.59	228	710497	36.620	ng		100
81) 3,3'-Dichlorobenzidine	22.47	252	249893	34.776	ng	#	97
82) Chrysene	22.67	228	681607	36.777	ng		98
83) Bis(2-ethylhexyl)phthalate	22.42	149	541879	38.697	ng	#	95
84) Di-n-octyl phthalate	23.83	149	855385	40.076	ng		99
85) Indeno(1,2,3-cd)pyrene	30.83	276	734249	33.970	ng	#	95
87) Benzo(b)fluoranthene	25.19	252	698525	35.399	ng	#	97
88) Benzo(k)fluoranthene	25.27	252	708341	36.119	ng	#	97
89) Benzo(a)pyrene	26.23	252	676420	36.040	ng	#	97
90) Dibenzo(a,h)anthracene	30.91	278	610324m	32.306	ng		
91) Benzo(g,h,i)perylene	32.24	276	602046	32.328	ng	#	92

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

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