Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
Data File : BG032631.D
Acq On : 9 Feb 2018 14:03
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/13/2018 11:29:39 AM

Quant Time: Feb 09 23:30:49 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	35629	20.00	ng		-0.02
21) Naphthalene-d8	11.56	136	157124	20.00	ng		-0.02
38) Acenaphthene-d10	15.32	164	120773	20.00	ng		-0.02
63) Phenanthrene-d10	18.06	188	275818	20.00	ng		-0.01
75) Chrysene-d12	22.40	240	314966	20.00	ng		0.00
86) Perylene-d12	26.06	264	331063	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.13	112	129594	73.06	ng		-0.01
7) Phenol-d6	7.81	99	194051	81.98	ng		-0.01
23) Nitrobenzene-d5	9.89	82	204552	81.31	ng		-0.02
41) 2,4,6-Tribromophenol	16.80	330	131379	57.15	ng		-0.01
44) 2-Fluorobiphenyl	13.95	172	727892	71.63	ng		-0.02
78) Terphenyl-d14	20.61	244	1009577	68.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.80	88	25808	43.242	ng	#	76
3) Pyridine	4.25	79	67321	41.775	ng		88
4) n-Nitrosodimethylamine	4.15	42	34620	41.268	ng	#	73
6) Aniline	7.98	93	113911	38.597	ng		99
8) 2-Chlorophenol	8.24	128	78778	37.570	ng		86
9) Benzaldehyde	7.80	77	34916	28.559	ng		93
10) Phenol	7.83	94	90881	40.430	ng		87
11) bis(2-Chloroethyl)ether	8.08	93	76070	44.414	ng	#	76
12) 1,3-Dichlorobenzene	8.57	146	104669	36.912	ng		96
13) 1,4-Dichlorobenzene	8.73	146	109009	38.354	ng		96
14) 1,2-Dichlorobenzene	9.05	146	106347	38.197	ng		97
15) Benzyl Alcohol	8.93	79	72544	37.186	ng		96
16) 2,2'-oxybis(1-Chloropropan	9.21	45	75808	46.709	ng		68
17) 2-Methylphenol	9.13	107	71474m	39.149	ng		
18) Hexachloroethane	9.81	117	36352	38.095	ng	#	80
19) n-Nitroso-di-n-propylamine	9.50	70	66586	42.426	ng	#	95
20) 3+4-Methylphenols	9.47	107	101904	39.792	ng		93
22) Acetophenone	9.53	105	136174	36.972	ng	#	93
24) Nitrobenzene	9.93	77	99674	40.976	ng	#	87
25) Isophorone	10.45	82	183133	42.755	ng	#	89
26) 2-Nitrophenol	10.65	139	54815	37.278	ng	#	82
27) 2,4-Dimethylphenol	10.69	122	75100	35.583	ng		96
28) bis(2-Chloroethoxy)methane	10.93	93	93586	39.844	ng		99
29) 2,4-Dichlorophenol	11.20	162	103531	37.030	ng		90
30) 1,2,4-Trichlorobenzene	11.42	180	138695	37.219	ng		94
31) Naphthalene	11.62	128	290352	37.835	ng		98
32) Benzoic acid	10.82	122	57948m	38.504	ng		
33) 4-Chloroaniline	11.72	127	124110	36.260	ng		96
34) Hexachlorobutadiene	11.88	225	111746	38.543	ng		94
35) Caprolactam	12.47	113	29648	36.939	ng	#	59
36) 4-Chloro-3-methylphenol	12.79	107	101925	38.433	ng		95
37) 2-Methylnaphthalene	13.18	142	243151	37.715	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.54	216	210956	37.336	ng	#	93
40) Hexachlorocyclopentadiene	13.51	237	128897	36.512	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.77	196	106970	34.806	ng		100
43) 2,4,5-Trichlorophenol	13.84	196	131993	36.842	ng	#	92
45) 1,1'-Biphenyl	14.16	154	376293	36.879	ng		96
46) 2-Chloronaphthalene	14.21	162	287555	35.956	ng		96
47) 2-Nitroaniline	14.41	65	65348	36.950	ng	#	82
48) Acenaphthylene	15.05	152	440069	36.399	ng	#	97
49) Dimethylphthalate	14.75	163	387281	34.778	ng		99
50) 2,6-Dinitrotoluene	14.89	165	81360	34.810	ng	#	81
51) Acenaphthene	15.39	154	294745	35.153	ng		96
52) 3-Nitroaniline	15.23	138	65437	32.053	ng	#	74
53) 2,4-Dinitrophenol	15.43	184	32905	25.501	ng	#	57
54) Dibenzofuran	15.72	168	445264	35.879	ng		97
55) 4-Nitrophenol	15.52	139	36997	24.207	ng	#	77
56) 2,4-Dinitrotoluene	15.67	165	108814	32.698	ng	#	75
57) Fluorene	16.36	166	356411	34.561	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.93	232	114713	32.464	ng	#	87
59) Diethylphthalate	16.10	149	363254	33.493	ng		96
60) 4-Chlorophenyl-phenylether	16.35	204	237234	36.481	ng		93
61) 4-Nitroaniline	16.39	138	63112	28.843	ng	#	78
62) Azobenzene	16.64	77	240004	37.029	ng		87
64) 4,6-Dinitro-2-methylphenol	16.43	198	70253	34.094	ng	#	72
65) n-Nitrosodiphenylamine	16.56	169	320634	38.953	ng		99
66) 4-Bromophenyl-phenylether	17.24	248	157871	38.635	ng		94
67) Hexachlorobenzene	17.36	284	166923	36.914	ng	#	89
68) Atrazine	17.49	200	86293	24.421	ng		97
69) Pentachlorophenol	17.70	266	91263	32.217	ng		98
70) Phenanthrene	18.11	178	542829	35.291	ng		100
71) Anthracene	18.20	178	555876	36.295	ng		98
72) Carbazole	18.46	167	440161	32.527	ng		98
73) Di-n-butylphthalate	18.97	149	492325	32.860	ng	#	98
74) Fluoranthene	20.08	202	657628	32.601	ng		94
76) Benzidine	20.24	184	81182	13.126	ng		99
77) Pyrene	20.44	202	682280	35.318	ng		100
79) Butylbenzylphthalate	21.29	149	232596	38.172	ng	#	79
80) Benzo(a)anthracene	22.37	228	722487	37.001	ng		99
81) 3,3'-Dichlorobenzidine	22.27	252	253249	33.475	ng	#	96
82) Chrysene	22.45	228	699931	37.118	ng		97
83) Bis(2-ethylhexyl)phthalate	22.22	149	332346	38.467	ng	#	96
84) Di-n-octyl phthalate	23.58	149	536060	39.118	ng	#	91
85) Indeno(1,2,3-cd)pyrene	30.31	276	855547	35.865	ng	#	85
87) Benzo(b)fluoranthene	24.89	252	731107	36.549	ng	#	95
88) Benzo(k)fluoranthene	24.97	252	763585	38.534	ng	#	96
89) Benzo(a)pyrene	25.89	252	717480	37.622	ng	#	95
90) Dibenzo(a,h)anthracene	30.39	278	698347	35.797	ng	#	95
91) Benzo(g,h,i)perylene	31.65	276	699130	36.105	ng	#	91

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

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