Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
Data File : BG033554.D
Acq On : 4 Apr 2018 11:26
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/5/2018 5:03:42 PM

Quant Time: Apr 04 18:44:29 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 04 18:35:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	39535	20.00	ng		0.00
21) Naphthalene-d8	11.75	136	185027	20.00	ng		0.00
38) Acenaphthene-d10	15.49	164	148829	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	369818	20.00	ng		0.00
75) Chrysene-d12	22.56	240	362150	20.00	ng		0.00
86) Perylene-d12	26.32	264	398478	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	184535m	87.52	ng		0.00
7) Phenol-d6	7.98	99	326752	90.20	ng		0.00
23) Nitrobenzene-d5	10.06	82	338012	83.93	ng		0.00
41) 2,4,6-Tribromophenol	16.96	330	174632	78.45	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	817412	79.29	ng		0.00
78) Terphenyl-d14	20.73	244	1319642	77.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	41810	39.048	ng		90
3) Pyridine	4.39	79	125642	42.449	ng		96
4) n-Nitrosodimethylamine	4.31	42	53115m	43.728	ng		
6) Aniline	8.16	93	190926	44.816	ng		97
8) 2-Chlorophenol	8.41	128	104450	43.334	ng		96
9) Benzaldehyde	7.97	77	82522m	35.844	ng		
10) Phenol	8.01	94	160590	44.899	ng		90
11) bis(2-Chloroethyl)ether	8.25	93	126034	43.171	ng		94
12) 1,3-Dichlorobenzene	8.75	146	125058	39.685	ng		97
13) 1,4-Dichlorobenzene	8.90	146	125572	39.789	ng		100
14) 1,2-Dichlorobenzene	9.23	146	129388	42.006	ng		97
15) Benzyl Alcohol	9.10	79	131900	46.244	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.38	45	213523	44.865	ng		90
17) 2-Methylphenol	9.31	107	106030	43.516	ng	#	90
18) Hexachloroethane	9.98	117	52885	43.418	ng		96
19) n-Nitroso-di-n-propylamine	9.67	70	120448	45.374	ng	#	97
20) 3+4-Methylphenols	9.64	107	165154	47.606	ng		94
22) Acetophenone	9.71	105	215230	42.459	ng	#	95
24) Nitrobenzene	10.11	77	178360	41.377	ng		93
25) Isophorone	10.62	82	333217	42.631	ng		96
26) 2-Nitrophenol	10.84	139	70153	42.987	ng	#	86
27) 2,4-Dimethylphenol	10.87	122	106162	44.780	ng		87
28) bis(2-Chloroethoxy)methane	11.10	93	161737	41.472	ng		95
29) 2,4-Dichlorophenol	11.38	162	127135	43.605	ng		95
30) 1,2,4-Trichlorobenzene	11.60	180	154365	40.751	ng		98
31) Naphthalene	11.80	128	394748	41.170	ng		98
32) Benzoic acid	11.01	122	75070m	34.063	ng		
33) 4-Chloroaniline	11.90	127	182321	42.443	ng	#	92
34) Hexachlorobutadiene	12.06	225	110052	38.418	ng		97
35) Caprolactam	12.65	113	51202	44.827	ng		97
36) 4-Chloro-3-methylphenol	12.96	107	168157	44.221	ng		95
37) 2-Methylnaphthalene	13.35	142	315606	42.409	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	207094	38.415	ng		98
40) Hexachlorocyclopentadiene	13.67	237	103801	32.845	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	129621	41.384	ng		98
43) 2,4,5-Trichlorophenol	14.01	196	158339	42.769	ng		100
45) 1,1'-Biphenyl	14.32	154	462578	40.456	ng		98
46) 2-Chloronaphthalene	14.38	162	355840	40.361	ng		95
47) 2-Nitroaniline	14.57	65	143786	43.542	ng		94
48) Acenaphthylene	15.21	152	601566	40.878	ng		99
49) Dimethylphthalate	14.91	163	522775	40.362	ng		98
50) 2,6-Dinitrotoluene	15.04	165	111771	42.204	ng		95
51) Acenaphthene	15.55	154	384404	40.521	ng		96
52) 3-Nitroaniline	15.38	138	114771	41.336	ng	#	95
53) 2,4-Dinitrophenol	15.58	184	35066m	30.768	ng		
54) Dibenzofuran	15.88	168	557695	39.799	ng		93
55) 4-Nitrophenol	15.67	139	70772	36.249	ng	#	80
56) 2,4-Dinitrotoluene	15.82	165	157322	40.345	ng		96
57) Fluorene	16.52	166	478238	40.060	ng		100
58) 2,3,4,6-Tetrachlorophenol	16.09	232	133647	38.345	ng		96
59) Diethylphthalate	16.25	149	520184	41.360	ng		99
60) 4-Chlorophenyl-phenylether	16.49	204	269621	39.289	ng		99
61) 4-Nitroaniline	16.54	138	116047	41.273	ng	#	84
62) Azobenzene	16.79	77	502694	41.261	ng		97
64) 4,6-Dinitro-2-methylphenol	16.57	198	86230	38.977	ng		95
65) n-Nitrosodiphenylamine	16.70	169	432684	40.982	ng		99
66) 4-Bromophenyl-phenylether	17.39	248	176637	40.670	ng		93
67) Hexachlorobenzene	17.51	284	182944	39.912	ng		96
68) Atrazine	17.62	200	171143	40.003	ng		96
69) Pentachlorophenol	17.86	266	126730	40.283	ng		94
70) Phenanthrene	18.25	178	774848	40.231	ng		98
71) Anthracene	18.35	178	784133	40.209	ng		99
72) Carbazole	18.61	167	689891	39.922	ng		99
73) Di-n-butylphthalate	19.09	149	829001	41.215	ng	#	98
74) Fluoranthene	20.21	202	930314	39.033	ng		97
76) Benzidine	20.37	184	317614	32.340	ng		98
77) Pyrene	20.57	202	957017	39.623	ng		99
79) Butylbenzylphthalate	21.42	149	383743	43.054	ng		97
80) Benzo(a)anthracene	22.54	228	915559	39.703	ng		98
81) 3,3'-Dichlorobenzidine	22.43	252	348060	42.416	ng		97
82) Chrysene	22.61	228	902872	40.447	ng		98
83) Bis(2-ethylhexyl)phthalate	22.36	149	532474	43.337	ng		96
84) Di-n-octyl phthalate	23.75	149	857571	45.585	ng		100
85) Indeno(1,2,3-cd)pyrene	30.70	276	1009832m	41.842	ng		
87) Benzo(b)fluoranthene	25.12	252	886446	38.504	ng	#	98
88) Benzo(k)fluoranthene	25.19	252	908239	39.007	ng	#	97
89) Benzo(a)pyrene	26.15	252	886026	40.076	ng	#	97
90) Dibenzo(a,h)anthracene	30.78	278	786614	37.772	ng		96
91) Benzo(g,h,i)perylene	32.09	276	771303	37.402	ng	#	94

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

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