Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041218\
Data File : BG033774.D
Acq On : 12 Apr 2018 16:08
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/13/2018 4:45:35 PM

Quant Time: Apr 13 02:52:51 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	42962	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	191459	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	140042	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	358753	20.00	ng		0.00
75) Chrysene-d12	22.55	240	361610	20.00	ng		0.00
86) Perylene-d12	26.31	264	394594	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	191730	83.68	ng		0.00
7) Phenol-d6	7.97	99	330127	83.86	ng		0.00
23) Nitrobenzene-d5	10.06	82	335453	80.50	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	153639	73.35	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	741674	76.46	ng		0.00
78) Terphenyl-d14	20.73	244	1271496	75.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	45824	39.383	ng		88
3) Pyridine	4.39	79	135732	42.200	ng		99
4) n-Nitrosodimethylamine	4.30	42	57165	43.308	ng	#	83
6) Aniline	8.15	93	196121	42.363	ng		93
8) 2-Chlorophenol	8.41	128	106849	40.793	ng		92
9) Benzaldehyde	7.96	77	83307m	33.299	ng		
10) Phenol	7.99	94	162540	41.819	ng		87
11) bis(2-Chloroethyl)ether	8.24	93	128202	40.411	ng		96
12) 1,3-Dichlorobenzene	8.75	146	136452	39.847	ng		96
13) 1,4-Dichlorobenzene	8.89	146	129092	37.641	ng		97
14) 1,2-Dichlorobenzene	9.22	146	133564	39.903	ng		97
15) Benzyl Alcohol	9.09	79	131213	42.334	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.37	45	217913	42.135	ng		91
17) 2-Methylphenol	9.29	107	108412m	40.945	ng		
18) Hexachloroethane	9.97	117	53859	40.690	ng		98
19) n-Nitroso-di-n-propylamine	9.66	70	116782	40.484	ng		91
20) 3+4-Methylphenols	9.63	107	157594	41.803	ng		87
22) Acetophenone	9.70	105	211410	40.304	ng	#	95
24) Nitrobenzene	10.10	77	178124	39.934	ng		96
25) Isophorone	10.61	82	324632	40.138	ng		99
26) 2-Nitrophenol	10.83	139	70695	41.864	ng	#	84
27) 2,4-Dimethylphenol	10.86	122	103712	42.276	ng		91
28) bis(2-Chloroethoxy)methane	11.10	93	151677	37.586	ng		96
29) 2,4-Dichlorophenol	11.37	162	118906	39.413	ng		98
30) 1,2,4-Trichlorobenzene	11.59	180	153097	39.058	ng		100
31) Naphthalene	11.79	128	382004	38.503	ng		99
32) Benzoic acid	11.01	122	75605m	33.153	ng		
33) 4-Chloroaniline	11.89	127	167369	37.653	ng	#	92
34) Hexachlorobutadiene	12.05	225	110846	37.395	ng		93
35) Caprolactam	12.64	113	47975	40.591	ng		93
36) 4-Chloro-3-methylphenol	12.95	107	155240	39.452	ng		95
37) 2-Methylnaphthalene	13.34	142	293538	38.118	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	194652	38.372	ng		98
40) Hexachlorocyclopentadiene	13.66	237	125408	42.172	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.92	196	116730	39.606	ng		94
43) 2,4,5-Trichlorophenol	14.00	196	140509	40.334	ng		93
45) 1,1'-Biphenyl	14.32	154	423067	39.322	ng		97
46) 2-Chloronaphthalene	14.37	162	327275	39.451	ng		100
47) 2-Nitroaniline	14.56	65	133943	43.107	ng		87
48) Acenaphthylene	15.21	152	540107	39.005	ng		99
49) Dimethylphthalate	14.90	163	474231	38.911	ng		100
50) 2,6-Dinitrotoluene	15.03	165	101869	40.878	ng		91
51) Acenaphthene	15.54	154	362643	40.625	ng		95
52) 3-Nitroaniline	15.37	138	104028	39.818	ng	#	95
53) 2,4-Dinitrophenol	15.57	184	50006	42.690	ng	#	75
54) Dibenzofuran	15.87	168	503650	38.197	ng		92
55) 4-Nitrophenol	15.66	139	68578	37.329	ng	#	88
56) 2,4-Dinitrotoluene	15.81	165	143694	39.162	ng		98
57) Fluorene	16.51	166	431765	38.437	ng		100
58) 2,3,4,6-Tetrachlorophenol	16.08	232	122478	37.346	ng		96
59) Diethylphthalate	16.24	149	463194	39.140	ng		99
60) 4-Chlorophenyl-phenylether	16.48	204	242540	37.561	ng		98
61) 4-Nitroaniline	16.53	138	107588	40.665	ng	#	81
62) Azobenzene	16.78	77	457750	39.930	ng		97
64) 4,6-Dinitro-2-methylphenol	16.57	198	83650	38.977	ng		95
65) n-Nitrosodiphenylamine	16.70	169	396617	38.725	ng		99
66) 4-Bromophenyl-phenylether	17.38	248	154605	36.695	ng		95
67) Hexachlorobenzene	17.51	284	164964	37.100	ng		95
68) Atrazine	17.62	200	157571	37.967	ng		97
69) Pentachlorophenol	17.85	266	99573m	32.627	ng		
70) Phenanthrene	18.25	178	706486	37.813	ng		98
71) Anthracene	18.34	178	728858	38.527	ng		100
72) Carbazole	18.60	167	663428	39.575	ng		98
73) Di-n-butylphthalate	19.09	149	790455	40.510	ng	#	98
74) Fluoranthene	20.20	202	873811	37.793	ng		98
76) Benzidine	20.36	184	348029	35.490	ng		97
77) Pyrene	20.56	202	916474	38.001	ng		99
79) Butylbenzylphthalate	21.41	149	361778	40.650	ng		97
80) Benzo(a)anthracene	22.53	228	876749	38.077	ng		98
81) 3,3'-Dichlorobenzidine	22.41	252	330352	40.318	ng		95
82) Chrysene	22.61	228	841438	37.751	ng		97
83) Bis(2-ethylhexyl)phthalate	22.35	149	508823	41.474	ng		99
84) Di-n-octyl phthalate	23.74	149	816663	43.476	ng		99
85) Indeno(1,2,3-cd)pyrene	30.70	276	1005998	41.745	ng	#	86
87) Benzo(b)fluoranthene	25.10	252	837558	36.739	ng	#	98
88) Benzo(k)fluoranthene	25.18	252	894521m	38.796	ng		
89) Benzo(a)pyrene	26.13	252	841351	38.430	ng	#	97
90) Dibenzo(a,h)anthracene	30.76	278	826439	40.075	ng	#	95
91) Benzo(g,h,i)perylene	32.07	276	811582	39.742	ng	#	95

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

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