Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
Data File : BG033809.D
Acq On : 16 Apr 2018 10:34
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/17/2018 5:20:09 PM

Quant Time: Apr 16 12:03:13 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 16 11:44:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	29416	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	143877	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	120914	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	328553	20.00	ng		0.00
75) Chrysene-d12	22.55	240	329906	20.00	ng		0.00
86) Perylene-d12	26.33	264	354429	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	122654m	78.19	ng		0.00
7) Phenol-d6	7.99	99	223077	82.76	ng		0.00
23) Nitrobenzene-d5	10.06	82	250717	80.06	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	139905	77.36	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	633970	75.69	ng		0.00
78) Terphenyl-d14	20.73	244	1171068	75.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.91	88	32157	40.364	ng		88
3) Pyridine	4.39	79	89114m	40.464	ng		
4) n-Nitrosodimethylamine	4.33	42	36761m	40.675	ng		
6) Aniline	8.15	93	120150	37.904	ng	#	90
8) 2-Chlorophenol	8.41	128	79677m	44.427	ng		
9) Benzaldehyde	7.97	77	53649m	31.319	ng		
10) Phenol	8.02	94	98906	37.165	ng		84
11) bis(2-Chloroethyl)ether	8.24	93	87924	40.477	ng		88
12) 1,3-Dichlorobenzene	8.74	146	96730	41.255	ng	#	95
13) 1,4-Dichlorobenzene	8.89	146	99580	42.407	ng		96
14) 1,2-Dichlorobenzene	9.22	146	94849	41.386	ng		97
15) Benzyl Alcohol	9.11	79	83995	39.579	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.37	45	166511	47.022	ng		75
17) 2-Methylphenol	9.31	107	61050	33.675	ng	#	86
18) Hexachloroethane	9.96	117	39239	43.296	ng		98
19) n-Nitroso-di-n-propylamine	9.66	70	93196	47.185	ng	#	97
20) 3+4-Methylphenols	9.65	107	103374	40.048	ng		90
22) Acetophenone	9.70	105	156992m	39.828	ng		
24) Nitrobenzene	10.10	77	121366	36.208	ng		93
25) Isophorone	10.61	82	264171	43.464	ng		99
26) 2-Nitrophenol	10.83	139	51809	40.826	ng	#	89
27) 2,4-Dimethylphenol	10.87	122	69504	37.702	ng		90
28) bis(2-Chloroethoxy)methane	11.10	93	115500	38.087	ng		99
29) 2,4-Dichlorophenol	11.38	162	93231m	41.122	ng		
30) 1,2,4-Trichlorobenzene	11.58	180	116238	39.462	ng		94
31) Naphthalene	11.78	128	294043	39.438	ng		97
32) Benzoic acid	11.01	122	47216m	27.551	ng		
33) 4-Chloroaniline	11.90	127	123415	36.947	ng	#	87
34) Hexachlorobutadiene	12.04	225	86175m	38.687	ng		
35) Caprolactam	12.64	113	40373	45.455	ng	#	86
36) 4-Chloro-3-methylphenol	12.97	107	122013	41.263	ng		97
37) 2-Methylnaphthalene	13.34	142	232485	40.174	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	161675	36.914	ng		98
40) Hexachlorocyclopentadiene	13.66	237	70833m	27.588	ng		

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	94672	37.204	ng		98
43) 2,4,5-Trichlorophenol	14.02	196	125876	41.850	ng		96
45) 1,1'-Biphenyl	14.31	154	360677	38.826	ng		98
46) 2-Chloronaphthalene	14.37	162	269610	37.641	ng		94
47) 2-Nitroaniline	14.57	65	108095	40.291	ng		93
48) Acenaphthylene	15.20	152	474983	39.728	ng		100
49) Dimethylphthalate	14.90	163	433360	41.183	ng		100
50) 2,6-Dinitrotoluene	15.03	165	90673	42.142	ng		89
51) Acenaphthene	15.54	154	304413	39.497	ng		98
52) 3-Nitroaniline	15.39	138	88566m	39.262	ng		
53) 2,4-Dinitrophenol	15.59	184	30052m	32.037	ng		
54) Dibenzofuran	15.87	168	446817	39.248	ng		94
55) 4-Nitrophenol	15.71	139	52480m	33.086	ng		
56) 2,4-Dinitrotoluene	15.82	165	131156	41.400	ng		97
57) Fluorene	16.51	166	382683	39.457	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.09	232	112453	39.713	ng		95
59) Diethylphthalate	16.23	149	444114	43.464	ng		99
60) 4-Chlorophenyl-phenylether	16.48	204	210204	37.703	ng		100
61) 4-Nitroaniline	16.56	138	93436	40.903	ng	#	83
62) Azobenzene	16.78	77	409874	41.410	ng		97
64) 4,6-Dinitro-2-methylphenol	16.57	198	74612	37.961	ng		95
65) n-Nitrosodiphenylamine	16.70	169	359938	38.374	ng		96
66) 4-Bromophenyl-phenylether	17.37	248	143086	37.083	ng		89
67) Hexachlorobenzene	17.51	284	151872	37.295	ng		97
68) Atrazine	17.62	200	138774	36.511	ng		99
69) Pentachlorophenol	17.85	266	93408	33.420	ng		97
70) Phenanthrene	18.25	178	647973	37.869	ng		96
71) Anthracene	18.34	178	662622	38.246	ng		99
72) Carbazole	18.61	167	597648	38.928	ng		97
73) Di-n-butylphthalate	19.09	149	744422	41.658	ng	#	98
74) Fluoranthene	20.20	202	821173	38.781	ng		97
76) Benzidine	20.37	184	270548m	30.240	ng		
77) Pyrene	20.56	202	843243	38.324	ng		99
79) Butylbenzylphthalate	21.41	149	336228	41.410	ng		97
80) Benzo(a)anthracene	22.54	228	794444	37.818	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	297611	39.812	ng		98
82) Chrysene	22.61	228	790960	38.897	ng		99
83) Bis(2-ethylhexyl)phthalate	22.34	149	475377	42.472	ng		97
84) Di-n-octyl phthalate	23.74	149	780081	45.519	ng		100
85) Indeno(1,2,3-cd)pyrene	30.71	276	885946	40.296	ng	#	89
87) Benzo(b)fluoranthene	25.11	252	771627	37.683	ng	#	97
88) Benzo(k)fluoranthene	25.19	252	793302	38.305	ng	#	98
89) Benzo(a)pyrene	26.15	252	759308	38.613	ng	#	96
90) Dibenzo(a,h)anthracene	30.79	278	745861	40.266	ng	#	97
91) Benzo(g,h,i)perylene	32.09	276	718626	39.178	ng	#	94

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

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