Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
Data File : BG035409.D
Acq On : 26 Jun 2018 14:25
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/27/2018 3:32:24 PM

Quant Time: Jun 26 19:31:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53550	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	209158	20.00	ng		-0.02
38) Acenaphthene-d10	14.67	164	148906	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	398037	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	412631	20.00	ng		-0.03
86) Perylene-d12	24.90	264	418152	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	244744	77.13	ng		-0.02
7) Phenol-d6	7.21	99	362518	77.41	ng		-0.01
23) Nitrobenzene-d5	9.21	82	376733	85.62	ng		-0.02
41) 2,4,6-Tribromophenol	16.16	330	173355	90.94	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	857065	74.82	ng		-0.03
78) Terphenyl-d14	20.02	244	1461981	74.22	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	56626	37.403	ng	#	69
3) Pyridine	3.95	79	157633	38.589	ng	#	69
4) n-Nitrosodimethylamine	3.86	42	60829	34.662	ng	#	67
6) Aniline	7.38	93	221558	36.598	ng		98
8) 2-Chlorophenol	7.62	128	124317	37.376	ng		97
9) Benzaldehyde	7.19	77	123667	34.281	ng		91
10) Phenol	7.24	94	189608	39.121	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	136559	36.301	ng		89
12) 1,3-Dichlorobenzene	7.94	146	150939m	38.034	ng		
13) 1,4-Dichlorobenzene	8.09	146	154666	37.754	ng		99
14) 1,2-Dichlorobenzene	8.40	146	147830	38.417	ng		98
15) Benzyl Alcohol	8.29	79	155416	35.022	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.57	45	126086m	33.675	ng		
17) 2-Methylphenol	8.49	107	123947	38.789	ng	#	93
18) Hexachloroethane	9.13	117	54829	37.384	ng	#	81
19) n-Nitroso-di-n-propylamine	8.85	70	130873	32.892	ng	#	84
20) 3+4-Methylphenols	8.82	107	175132	38.237	ng		91
22) Acetophenone	8.87	105	242233	37.387	ng	#	91
24) Nitrobenzene	9.26	77	182571	40.519	ng		91
25) Isophorone	9.77	82	325796	35.069	ng		99
26) 2-Nitrophenol	9.97	139	74568	48.012	ng	#	91
27) 2,4-Dimethylphenol	10.02	122	115537	35.392	ng		87
28) bis(2-Chloroethoxy)methane	10.25	93	190037	38.066	ng		97
29) 2,4-Dichlorophenol	10.50	162	148671	41.854	ng		94
30) 1,2,4-Trichlorobenzene	10.72	180	170821	40.105	ng		100
31) Naphthalene	10.91	128	418904	38.553	ng		99
32) Benzoic acid	10.15	122	91242	41.727	ng		95
33) 4-Chloroaniline	11.01	127	182079	38.593	ng		96
34) Hexachlorobutadiene	11.19	225	136565	41.227	ng		95
35) Caprolactam	11.79	113	50793	38.691	ng	#	59
36) 4-Chloro-3-methylphenol	12.13	107	179296	40.492	ng		95
37) 2-Methylnaphthalene	12.50	142	313065	38.003	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	226046	40.755	ng		99
40) Hexachlorocyclopentadiene	12.85	237	131548	37.821	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	140376	42.268	ng		99
43) 2,4,5-Trichlorophenol	13.18	196	160455	44.018	ng		97
45) 1,1'-Biphenyl	13.51	154	455184	38.016	ng		98
46) 2-Chloronaphthalene	13.56	162	347772	38.416	ng		99
47) 2-Nitroaniline	13.76	65	115864	43.343	ng		88
48) Acenaphthylene	14.40	152	576346	37.969	ng		98
49) Dimethylphthalate	14.13	163	481021	37.044	ng		98
50) 2,6-Dinitrotoluene	14.24	165	106972	45.157	ng	#	89
51) Acenaphthene	14.74	154	364769	36.779	ng		99
52) 3-Nitroaniline	14.58	138	105762	45.498	ng	#	93
53) 2,4-Dinitrophenol	14.78	184	51368	53.580	ng	#	65
54) Dibenzofuran	15.07	168	577057	38.849	ng		95
55) 4-Nitrophenol	14.88	139	74590	38.021	ng	#	87
56) 2,4-Dinitrotoluene	15.03	165	151494	48.142	ng	#	83
57) Fluorene	15.72	166	474901	38.255	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.29	232	157855	44.577	ng	#	90
59) Diethylphthalate	15.49	149	483207	36.474	ng		97
60) 4-Chlorophenyl-phenylether	15.71	204	282894	39.964	ng		97
61) 4-Nitroaniline	15.74	138	105853	42.462	ng	#	83
62) Azobenzene	16.01	77	450823	34.726	ng		92
64) 4,6-Dinitro-2-methylphenol	15.79	198	91006	50.077	ng		87
65) n-Nitrosodiphenylamine	15.92	169	443379	37.092	ng		99
66) 4-Bromophenyl-phenylether	16.60	248	189063	39.443	ng		98
67) Hexachlorobenzene	16.72	284	196666	40.310	ng		93
68) Atrazine	16.87	200	187449	36.773	ng		95
69) Pentachlorophenol	17.06	266	132877	40.503	ng		99
70) Phenanthrene	17.46	178	755120	37.346	ng		97
71) Anthracene	17.55	178	752295	37.144	ng		98
72) Carbazole	17.82	167	693229	36.890	ng		99
73) Di-n-butylphthalate	18.37	149	794707	35.481	ng	#	98
74) Fluoranthene	19.47	202	987684	37.539	ng		96
76) Benzidine	19.64	184	554175	36.099	ng		97
77) Pyrene	19.82	202	998648	36.712	ng		99
79) Butylbenzylphthalate	20.70	149	362716	36.721	ng		97
80) Benzo(a)anthracene	21.66	228	988393	37.484	ng		100
81) 3,3'-Dichlorobenzidine	21.58	252	366121	36.906	ng	#	99
82) Chrysene	21.73	228	912671	37.804	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	482959	34.603	ng	#	98
84) Di-n-octyl phthalate	22.78	149	824038	34.414	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.56	276	1066265	37.710	ng	#	89
87) Benzo(b)fluoranthene	23.88	252	963456	37.415	ng	#	96
88) Benzo(k)fluoranthene	23.95	252	949393	37.690	ng	#	97
89) Benzo(a)pyrene	24.75	252	912773	37.670	ng	#	96
90) Dibenzo(a,h)anthracene	28.63	278	886658	37.068	ng	#	96
91) Benzo(g,h,i)perylene	29.70	276	870021	37.166	ng	#	94

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

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