Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG-2017\BG-DEC-17\BG121117\
Data File : BG031452.D
Acq On : 11 Dec 2017 12:53
Operator : SJ/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
Sohil
12/12/2017 3:55:12 PM

Quant Time: Dec 11 16:58:45 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:31:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	37171	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	165772	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	119813	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	335696	20.00	ng		0.00
75) Chrysene-d12	21.75	240	395392	20.00	ng		0.00
86) Perylene-d12	25.06	264	366388	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	9137	4.22	ng		0.01
7) Phenol-d6	7.31	99	12033	4.12	ng		0.04
23) Nitrobenzene-d5	9.29	82	11324	4.05	ng		0.02
41) 2,4,6-Tribromophenol	16.23	330	5910	3.05	ng		0.01
44) 2-Fluorobiphenyl	13.36	172	41283	4.95	ng		0.00
78) Terphenyl-d14	20.07	244	93880	5.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	3179	3.614	ng	#	68
4) n-Nitrosodimethylamine	3.85	42	2552	2.108	ng	#	81
6) Aniline	7.44	93	7992	2.079	ng		96
8) 2-Chlorophenol	7.69	128	4717	1.972	ng	#	74
9) Benzaldehyde	7.27	77	4423	2.164	ng		84
10) Phenol	7.33	94	6022	1.986	ng		90
11) bis(2-Chloroethyl)ether	7.53	93	5322	2.198	ng		92
12) 1,3-Dichlorobenzene	8.01	146	6651m	2.370	ng		
13) 1,4-Dichlorobenzene	8.15	146	7225	2.540	ng		98
14) 1,2-Dichlorobenzene	8.47	146	6692	2.451	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.65	45	6630	2.479	ng		76
17) 2-Methylphenol	8.59	107	3980	1.885	ng	#	81
18) Hexachloroethane	9.20	117	2283	2.306	ng	#	83
22) Acetophenone	8.96	105	8307	2.013	ng	#	96
24) Nitrobenzene	9.35	77	5622	1.967	ng	#	88
25) Isophorone	9.85	82	9766	1.790	ng	#	83
27) 2,4-Dimethylphenol	10.14	122	4410	1.994	ng	#	80
28) bis(2-Chloroethoxy)methane	10.36	93	6601	1.921	ng	#	97
29) 2,4-Dichlorophenol	10.67	162	4396	1.655	ng		81
30) 1,2,4-Trichlorobenzene	10.80	180	8049	2.539	ng	#	87
31) Naphthalene	10.98	128	21303	2.614	ng	#	97
34) Hexachlorobutadiene	11.26	225	5148	2.341	ng	#	76
37) 2-Methylnaphthalene	12.59	142	15007	2.385	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	11012	2.316	ng	#	94
42) 2,4,6-Trichlorophenol	13.21	196	4578m	1.684	ng		
43) 2,4,5-Trichlorophenol	13.32	196	4839	1.627	ng		94
45) 1,1'-Biphenyl	13.58	154	24396	2.455	ng		91
46) 2-Chloronaphthalene	13.63	162	17781	2.480	ng	#	92
48) Acenaphthylene	14.46	152	27482	2.342	ng		99
49) Dimethylphthalate	14.19	163	23910	2.308	ng	#	97
51) Acenaphthene	14.80	154	18312	2.499	ng		97
54) Dibenzofuran	15.14	168	30629	2.624	ng		94
57) Fluorene	15.79	166	23686	2.500	ng		91
58) 2,3,4,6-Tetrachlorophenol	15.38	232	4665	1.646	ng	#	89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
59) Diethylphthalate	15.54	149	23619	2.245	ng	#	95
60) 4-Chlorophenyl-phenylether	15.77	204	14416	2.519	ng		96
62) Azobenzene	16.07	77	19334	2.409	ng		94
65) n-Nitrosodiphenylamine	15.98	169	21804	2.143	ng		96
66) 4-Bromophenyl-phenylether	16.67	248	8771	2.063	ng		93
67) Hexachlorobenzene	16.79	284	9701	2.147	ng		93
68) Atrazine	16.93	200	8206	1.955	ng		92
70) Phenanthrene	17.52	178	45086	2.579	ng		99
71) Anthracene	17.62	178	42373m	2.419	ng		
72) Carbazole	17.90	167	37019	2.256	ng		97
73) Di-n-butylphthalate	18.42	149	39671	1.969	ng		99
74) Fluoranthene	19.53	202	55140	2.492	ng		99
77) Pyrene	19.89	202	61268	2.611	ng		97
79) Butylbenzylphthalate	20.76	149	16610	1.776	ng	#	79
80) Benzo(a)anthracene	21.74	228	58170	2.368	ng		97
81) 3,3'-Dichlorobenzidine	21.66	252	16424	1.657	ng		96
82) Chrysene	21.81	228	58203	2.562	ng		99
83) Bis(2-ethylhexyl)phthalate	21.61	149	25886	1.917	ng		96
84) Di-n-octyl phthalate	22.84	149	38740	1.763	ng	#	99
85) Indeno(1,2,3-cd)pyrene	28.87	276	51027	1.848	ng	#	74
87) Benzo(b)fluoranthene	24.01	252	52178m	2.354	ng		
88) Benzo(k)fluoranthene	24.08	252	56057	2.552	ng		98
89) Benzo(a)pyrene	24.90	252	48566	2.307	ng		95
90) Dibenzo(a,h)anthracene	28.91	278	42710	1.985	ng	#	95
91) Benzo(g,h,i)perylene	30.07	276	43640	2.089	ng		97

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

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