Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051618\
Data File : BG034488.D
Acq On : 16 May 2018 14:55
Operator : SJ/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
5/17/2018 5:04:11 PM

Quant Time: May 16 17:21:45 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 16 19:55:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	36749	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	176137	20.00	ng		0.00
38) Acenaphthene-d10	14.69	164	134749	20.00	ng		0.00
63) Phenanthrene-d10	17.44	188	347751	20.00	ng		0.00
75) Chrysene-d12	21.73	240	381750	20.00	ng		0.00
86) Perylene-d12	25.00	264	407621	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	48357	21.26	ng		0.00
7) Phenol-d6	7.21	99	75672	21.37	ng		0.00
23) Nitrobenzene-d5	9.21	82	85320	18.59	ng		0.00
41) 2,4,6-Tribromophenol	16.18	330	45471	24.37	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	193804	20.96	ng		0.00
78) Terphenyl-d14	20.06	244	361941	20.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	11097	11.618	ng	#	71
3) Pyridine	3.92	79	29357	9.796	ng	#	80
4) n-Nitrosodimethylamine	3.84	42	18902	11.567	ng	#	87
6) Aniline	7.37	93	49851	10.350	ng		96
8) 2-Chlorophenol	7.61	128	25972	11.443	ng		88
9) Benzaldehyde	7.18	77	31422	16.389	ng	#	89
10) Phenol	7.24	94	38135	10.677	ng		78
11) bis(2-Chloroethyl)ether	7.46	93	31775	11.301	ng	#	75
12) 1,3-Dichlorobenzene	7.93	146	30972	10.786	ng	#	77
13) 1,4-Dichlorobenzene	8.08	146	29042m	10.184	ng		
14) 1,2-Dichlorobenzene	8.40	146	31243	11.534	ng		92
15) Benzyl Alcohol	8.28	79	38320	10.144	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.57	45	35547	9.188	ng		83
17) 2-Methylphenol	8.49	107	24651	10.489	ng	#	78
18) Hexachloroethane	9.13	117	12465	10.275	ng		86
19) n-Nitroso-di-n-propylamine	8.85	70	32951	10.362	ng	#	94
20) 3+4-Methylphenols	8.82	107	37554	10.790	ng		88
22) Acetophenone	8.86	105	55417	9.236	ng	#	90
24) Nitrobenzene	9.25	77	47056	9.364	ng	#	85
25) Isophorone	9.77	82	88678	9.469	ng		97
26) 2-Nitrophenol	9.97	139	16455	11.829	ng		94
27) 2,4-Dimethylphenol	10.02	122	29801	11.050	ng		94
28) bis(2-Chloroethoxy)methane	10.26	93	42117	9.156	ng	#	96
29) 2,4-Dichlorophenol	10.51	162	30555	9.479	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	36686	9.451	ng		98
31) Naphthalene	10.91	128	89601	9.678	ng	#	93
32) Benzoic acid	10.11	122	17258m	7.611	ng		
33) 4-Chloroaniline	11.02	127	38416	9.202	ng	#	96
34) Hexachlorobutadiene	11.19	225	28510	8.678	ng	#	92
35) Caprolactam	11.77	113	11773	10.282	ng	#	78
36) 4-Chloro-3-methylphenol	12.14	107	41471	9.922	ng		96
37) 2-Methylnaphthalene	12.52	142	71976	9.588	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	45308	8.689	ng	#	92
40) Hexachlorocyclopentadiene	12.86	237	35292	11.423	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	30300	10.002	ng		96
43) 2,4,5-Trichlorophenol	13.21	196	33408	9.975	ng	#	86
45) 1,1'-Biphenyl	13.52	154	105005	9.975	ng		99
46) 2-Chloronaphthalene	13.56	162	83343	10.458	ng	#	89
47) 2-Nitroaniline	13.77	65	31137	9.772	ng		90
48) Acenaphthylene	14.42	152	127457	10.017	ng		97
49) Dimethylphthalate	14.14	163	121552	10.403	ng	#	98
50) 2,6-Dinitrotoluene	14.26	165	22268	9.923	ng	#	68
51) Acenaphthene	14.76	154	85010	9.830	ng		85
52) 3-Nitroaniline	14.59	138	22005	9.728	ng	#	72
53) 2,4-Dinitrophenol	14.79	184	13323	15.176	ng	#	56
54) Dibenzofuran	15.09	168	136648	10.900	ng	#	78
55) 4-Nitrophenol	14.91	139	16838	9.753	ng	#	32
56) 2,4-Dinitrotoluene	15.05	165	34436	11.301	ng	#	87
57) Fluorene	15.74	166	106135	9.713	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.32	232	36782	10.616	ng		100
59) Diethylphthalate	15.51	149	125112	10.118	ng		99
60) 4-Chlorophenyl-phenylether	15.73	204	63425	9.757	ng		92
61) 4-Nitroaniline	15.76	138	25121	10.470	ng	#	40
62) Azobenzene	16.03	77	129331	9.683	ng		92
64) 4,6-Dinitro-2-methylphenol	15.82	198	20475	12.522	ng		87
65) n-Nitrosodiphenylamine	15.94	169	102489	10.809	ng		95
66) 4-Bromophenyl-phenylether	16.63	248	45035	10.431	ng		88
67) Hexachlorobenzene	16.75	284	50900	11.614	ng		94
68) Atrazine	16.90	200	44932	11.571	ng		95
69) Pentachlorophenol	17.09	266	29278	9.585	ng		86
70) Phenanthrene	17.49	178	193056	10.804	ng		96
71) Anthracene	17.58	178	190011	10.492	ng		94
72) Carbazole	17.85	167	162885	9.825	ng		97
73) Di-n-butylphthalate	18.41	149	199474	9.996	ng	#	95
74) Fluoranthene	19.50	202	247056	10.941	ng		92
76) Benzidine	19.68	184	66624	6.775	ng		97
77) Pyrene	19.86	202	240432	10.052	ng		99
79) Butylbenzylphthalate	20.75	149	87897	9.414	ng		92
80) Benzo(a)anthracene	21.71	228	248522	10.158	ng		93
81) 3,3'-Dichlorobenzidine	21.62	252	90661	9.799	ng		99
82) Chrysene	21.78	228	231526	9.887	ng		97
83) Bis(2-ethylhexyl)phthalate	21.62	149	120390	9.369	ng	#	96
84) Di-n-octyl phthalate	22.85	149	197804	9.638	ng		98
85) Indeno(1,2,3-cd)pyrene	28.71	276	285786	11.090	ng	#	69
87) Benzo(b)fluoranthene	23.96	252	247984	9.631	ng	#	95
88) Benzo(k)fluoranthene	24.02	252	232746	9.457	ng	#	94
89) Benzo(a)pyrene	24.84	252	228156	9.471	ng	#	96
90) Dibenzo(a,h)anthracene	28.79	278	224481	9.885	ng	#	92
91) Benzo(g,h,i)perylene	29.89	276	228595m	10.213	ng		

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

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