Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
Data File : BG035587.D
Acq On : 12 Jul 2018 10:04
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
Sohil
7/13/2018 12:36:21 PM

Quant Time: Jul 12 14:39:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 12:41:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	33375	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	136531	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	93392	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	272678	20.00	ng		0.00
75) Chrysene-d12	21.68	240	335539	20.00	ng		0.00
86) Perylene-d12	24.91	264	308315	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	10106	5.11	ng		0.00
7) Phenol-d6	7.22	99	14099	4.83	ng		0.00
23) Nitrobenzene-d5	9.22	82	15911	5.54	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	5661	4.74	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	38011	5.29	ng		0.00
78) Terphenyl-d14	20.02	244	82359	5.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	3153	3.342	ng	#	64
3) Pyridine	3.98	79	5428m	2.132	ng		
4) n-Nitrosodimethylamine	3.87	42	3107m	2.841	ng		
6) Aniline	7.38	93	9636	2.554	ng	#	87
8) 2-Chlorophenol	7.63	128	5033	2.428	ng		89
10) Phenol	7.25	94	6868	2.274	ng		80
11) bis(2-Chloroethyl)ether	7.48	93	5985	2.553	ng		87
12) 1,3-Dichlorobenzene	7.95	146	6779	2.741	ng	#	90
13) 1,4-Dichlorobenzene	8.09	146	6563	2.570	ng	#	80
14) 1,2-Dichlorobenzene	8.41	146	6442	2.686	ng	#	89
15) Benzyl Alcohol	8.29	79	5774	2.088	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	8.58	45	5091	2.182	ng		88
17) 2-Methylphenol	8.51	107	5038	2.530	ng	#	82
18) Hexachloroethane	9.14	117	2693	2.946	ng	#	77
19) n-Nitroso-di-n-propylamine	8.86	70	6407	2.584	ng	#	78
20) 3+4-Methylphenols	8.83	107	6008	2.105	ng		80
22) Acetophenone	8.88	105	10764	2.545	ng	#	93
24) Nitrobenzene	9.26	77	8400	2.856	ng	#	74
25) Isophorone	9.78	82	14289	2.356	ng	#	95
26) 2-Nitrophenol	9.97	139	2415	2.382	ng	#	68
27) 2,4-Dimethylphenol	10.03	122	4498	2.111	ng		85
28) bis(2-Chloroethoxy)methane	10.26	93	8016	2.460	ng		92
29) 2,4-Dichlorophenol	10.52	162	4893	2.110	ng		92
30) 1,2,4-Trichlorobenzene	10.72	180	7186	2.585	ng		97
31) Naphthalene	10.91	128	19513	2.751	ng	#	91
33) 4-Chloroaniline	11.03	127	7656	2.486	ng	#	87
34) Hexachlorobutadiene	11.19	225	5476	2.532	ng	#	82
36) 4-Chloro-3-methylphenol	12.14	107	6466	2.237	ng	#	80
37) 2-Methylnaphthalene	12.51	142	12900m	2.399	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	9412	2.706	ng	#	91
42) 2,4,6-Trichlorophenol	13.12	196	4519	2.170	ng		86
43) 2,4,5-Trichlorophenol	13.19	196	5538m	2.422	ng		
45) 1,1'-Biphenyl	13.51	154	18319	2.439	ng		92
46) 2-Chloronaphthalene	13.56	162	15393	2.711	ng	#	87

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	13.76	65	4171	2.488	ng	#	81
48) Acenaphthylene	14.40	152	24373	2.560	ng		98
49) Dimethylphthalate	14.12	163	22020	2.704	ng		99
50) 2,6-Dinitrotoluene	14.25	165	3426	2.306	ng	#	69
51) Acenaphthene	14.74	154	15566	2.502	ng		97
52) 3-Nitroaniline	14.59	138	3919	2.688	ng	#	86
54) Dibenzofuran	15.07	168	24567	2.637	ng	#	97
56) 2,4-Dinitrotoluene	15.03	165	4700	2.381	ng	#	75
57) Fluorene	15.72	166	20417	2.622	ng	#	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	4713	2.122	ng	#	97
59) Diethylphthalate	15.49	149	22858	2.751	ng	#	97
60) 4-Chlorophenyl-phenylether	15.71	204	12604	2.839	ng		95
61) 4-Nitroaniline	15.74	138	3881m	2.482	ng		
62) Azobenzene	16.00	77	22038	2.707	ng		94
65) n-Nitrosodiphenylamine	15.93	169	19181	2.342	ng	#	89
66) 4-Bromophenyl-phenylether	16.61	248	7139	2.174	ng	#	81
67) Hexachlorobenzene	16.72	284	8301	2.484	ng	#	89
68) Atrazine	16.87	200	8570	2.454	ng		90
70) Phenanthrene	17.46	178	35876	2.590	ng	#	94
71) Anthracene	17.55	178	33963	2.448	ng	#	93
72) Carbazole	17.82	167	32930	2.558	ng	#	91
73) Di-n-butylphthalate	18.38	149	40731	2.655	ng	#	91
74) Fluoranthene	19.47	202	50263	2.789	ng		95
76) Benzidine	19.65	184	26716m	2.140	ng		
77) Pyrene	19.83	202	53255	2.408	ng		94
79) Butylbenzylphthalate	20.71	149	17769	2.212	ng		95
80) Benzo(a)anthracene	21.67	228	53906	2.514	ng		96
81) 3,3'-Dichlorobenzidine	21.59	252	16957	2.102	ng		99
82) Chrysene	21.73	228	51476	2.622	ng		94
83) Bis(2-ethylhexyl)phthalate	21.57	149	23354	2.058	ng		95
84) Di-n-octyl phthalate	22.78	149	39020	2.004	ng		99
85) Indeno(1,2,3-cd)pyrene	28.57	276	50345m	2.190	ng		
87) Benzo(b)fluoranthene	23.88	252	46764	2.463	ng	#	92
88) Benzo(k)fluoranthene	23.94	252	46586	2.508	ng	#	93
89) Benzo(a)pyrene	24.75	252	41800	2.340	ng	#	97
90) Dibenzo(a,h)anthracene	28.64	278	40892	2.319	ng	#	84
91) Benzo(g,h,i)perylene	29.71	276	39277	2.276	ng	#	94

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

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