Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
Data File : BG033232.D
Acq On : 19 Mar 2018 9:17
Operator : SJ/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC2.5

Manual Integrations APPROVED
Sohil
3/20/2018 6:29:15 PM

Quant Time: Mar 19 13:57:41 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 19 11:53:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	31039	20.00	ng		0.00
21) Naphthalene-d8	11.78	136	137953	20.00	ng		0.00
38) Acenaphthene-d10	15.51	164	105227	20.00	ng		0.00
63) Phenanthrene-d10	18.24	188	287095	20.00	ng		0.00
75) Chrysene-d12	22.59	240	300625	20.00	ng		0.00
86) Perylene-d12	26.39	264	304957	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	6017	3.10	ng		0.01
7) Phenol-d6	0.00	99	0d	0.00	ng		
23) Nitrobenzene-d5	10.10	82	13201	7.90	ng		0.00
41) 2,4,6-Tribromophenol	16.98	330	7301	6.60	ng		0.00
44) 2-Fluorobiphenyl	14.14	172	37667	5.16	ng		0.00
78) Terphenyl-d14	20.76	244	73662	5.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.95	88	2281	2.709	ng	#	83
3) Pyridine	4.45	79	4787m	2.063	ng		
6) Aniline	8.20	93	6679	1.825	ng	#	96
8) 2-Chlorophenol	8.45	128	4092	1.927	ng		80
9) Benzaldehyde	8.02	77	4942m	3.171	ng		
11) bis(2-Chloroethyl)ether	8.28	93	4896m	2.196	ng		
12) 1,3-Dichlorobenzene	8.78	146	6156	2.475	ng	#	83
13) 1,4-Dichlorobenzene	8.93	146	6821	2.724	ng	#	84
14) 1,2-Dichlorobenzene	9.26	146	5897	2.458	ng	#	73
15) Benzyl Alcohol	9.15	79	4767m	2.398	ng		
16) 2,2'-oxybis(1-Chloropropan	9.42	45	9176	2.395	ng		74
17) 2-Methylphenol	9.35	107	4180	2.079	ng	#	72
18) Hexachloroethane	10.02	117	2424	2.844	ng		97
19) n-Nitroso-di-n-propylamine	9.70	70	4481	2.347	ng	#	89
20) 3+4-Methylphenols	9.67	107	5247	1.877	ng		86
22) Acetophenone	9.74	105	7073	2.030	ng	#	96
24) Nitrobenzene	10.14	77	7392	3.709	ng	#	81
25) Isophorone	10.66	82	12979	2.680	ng	#	94
26) 2-Nitrophenol	10.87	139	2209	3.096	ng	#	84
28) bis(2-Chloroethoxy)methane	11.15	93	6512	2.309	ng	#	79
29) 2,4-Dichlorophenol	11.41	162	3825m	2.004	ng		
30) 1,2,4-Trichlorobenzene	11.64	180	7004	3.130	ng		96
31) Naphthalene	11.83	128	17224	2.389	ng	#	90
34) Hexachlorobutadiene	12.10	225	5182	4.128	ng		93
35) Caprolactam	12.65	113	1800m	2.355	ng		
36) 4-Chloro-3-methylphenol	13.00	107	5223	2.351	ng	#	72
37) 2-Methylnaphthalene	13.39	142	13356	2.561	ng		89
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	9748	3.121	ng		93
42) 2,4,6-Trichlorophenol	13.96	196	4447	2.257	ng	#	92
43) 2,4,5-Trichlorophenol	14.05	196	4838	2.122	ng	#	75
45) 1,1'-Biphenyl	14.36	154	19405	2.110	ng		98
46) 2-Chloronaphthalene	14.41	162	15541	2.263	ng		99
47) 2-Nitroaniline	14.60	65	4652	3.134	ng	#	61
48) Acenaphthylene	15.24	152	25095	2.232	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Dimethylphthalate	14.93	163	22487	2.517	ng	#	93
50) 2,6-Dinitrotoluene	15.06	165	3750	2.917	ng		84
51) Acenaphthene	15.57	154	15252	2.178	ng		97
54) Dibenzofuran	15.91	168	26148	2.622	ng	#	90
56) 2,4-Dinitrotoluene	15.84	165	5940	3.850	ng	#	75
57) Fluorene	16.55	166	21530	2.616	ng		93
58) 2,3,4,6-Tetrachlorophenol	16.12	232	5121	2.893	ng	#	96
59) Diethylphthalate	16.27	149	22071	2.342	ng		98
60) 4-Chlorophenyl-phenylether	16.52	204	12431	3.087	ng	#	93
61) 4-Nitroaniline	16.56	138	4688m	2.649	ng		
62) Azobenzene	16.81	77	20833	2.471	ng		88
65) n-Nitrosodiphenylamine	16.73	169	19946	2.136	ng	#	88
66) 4-Bromophenyl-phenylether	17.41	248	7560	2.490	ng	#	87
67) Hexachlorobenzene	17.54	284	8566	2.611	ng	#	83
68) Atrazine	17.65	200	7675	2.497	ng		92
70) Phenanthrene	18.28	178	39022	2.436	ng		96
71) Anthracene	18.38	178	39142	2.434	ng		96
72) Carbazole	18.63	167	33049	2.085	ng	#	95
73) Di-n-butylphthalate	19.12	149	37935	1.951	ng		98
74) Fluoranthene	20.24	202	49072	2.774	ng		95
76) Benzidine	20.40	184	13977	1.364	ng	#	88
77) Pyrene	20.60	202	51008	2.406	ng		97
79) Butylbenzylphthalate	21.45	149	17986	1.914	ng		97
80) Benzo(a)anthracene	22.57	228	49172	2.551	ng		97
81) 3,3'-Dichlorobenzidine	22.47	252	15223	2.132	ng	#	85
82) Chrysene	22.65	228	49806m	2.705	ng		
83) Bis(2-ethylhexyl)phthalate	22.39	149	25042	1.800	ng	#	98
84) Di-n-octyl phthalate	23.80	149	36542	1.723	ng	#	95
85) Indeno(1,2,3-cd)pyrene	30.79	276	47333m	2.204	ng		
87) Benzo(b)fluoranthene	25.16	252	44962m	2.494	ng		
88) Benzo(k)fluoranthene	25.24	252	44962	2.509	ng		93
89) Benzo(a)pyrene	26.21	252	42384	2.471	ng		96
90) Dibenzo(a,h)anthracene	30.88	278	35552	2.059	ng	#	89
91) Benzo(g,h,i)perylene	32.20	276	37227	2.188	ng	#	86

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

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