Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041918\
Data File : BG033862.D
Acq On : 19 Apr 2018 9:57
Operator : SJ/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
4/20/2018 3:07:40 PM

Quant Time: Apr 19 13:21:53 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:09:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	41317	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	202631	20.00	ng		0.00
38) Acenaphthene-d10	14.47	164	143997	20.00	ng		0.00
63) Phenanthrene-d10	17.23	188	373370	20.00	ng		0.00
75) Chrysene-d12	21.49	240	401132	20.00	ng		0.00
86) Perylene-d12	24.55	264	395860	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	53370	24.22	ng		0.00
7) Phenol-d6	7.00	99	75365	19.91	ng		0.00
23) Nitrobenzene-d5	8.99	82	66931	15.18	ng		0.00
41) 2,4,6-Tribromophenol	15.96	330	34522	16.03	ng		0.00
44) 2-Fluorobiphenyl	13.10	172	201690	20.22	ng		0.00
78) Terphenyl-d14	19.86	244	387282	20.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	11917	10.650	ng		93
3) Pyridine	3.81	79	29722	9.609	ng		97
4) n-Nitrosodimethylamine	3.72	42	15102	11.897	ng	#	89
6) Aniline	7.17	93	48896	10.982	ng		94
8) 2-Chlorophenol	7.40	128	29021	11.521	ng		95
9) Benzaldehyde	6.99	77	25351	10.537	ng		96
10) Phenol	7.03	94	39319	10.519	ng		96
11) bis(2-Chloroethyl)ether	7.27	93	29474	9.660	ng		97
12) 1,3-Dichlorobenzene	7.73	146	34669	10.527	ng		93
13) 1,4-Dichlorobenzene	7.87	146	35956	10.902	ng		94
14) 1,2-Dichlorobenzene	8.19	146	34331	10.665	ng		93
15) Benzyl Alcohol	8.07	79	31649	10.618	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.37	45	58501	11.762	ng		94
17) 2-Methylphenol	8.27	107	27777	10.908	ng	#	89
18) Hexachloroethane	8.91	117	12724	9.996	ng		93
19) n-Nitroso-di-n-propylamine	8.64	70	30799	11.102	ng		95
20) 3+4-Methylphenols	8.59	107	41278	11.385	ng		91
22) Acetophenone	8.65	105	55871	10.064	ng		98
24) Nitrobenzene	9.03	77	37709	7.988	ng		95
25) Isophorone	9.55	82	80949	9.457	ng		97
26) 2-Nitrophenol	9.73	139	13425	7.512	ng		94
27) 2,4-Dimethylphenol	9.80	122	29810	11.482	ng	#	90
28) bis(2-Chloroethoxy)methane	10.04	93	43235	10.123	ng		99
29) 2,4-Dichlorophenol	10.26	162	31238	9.783	ng		97
30) 1,2,4-Trichlorobenzene	10.49	180	36714	8.850	ng		99
31) Naphthalene	10.67	128	106403	10.133	ng		99
32) Benzoic acid	9.86	122	18904	7.832	ng	#	87
33) 4-Chloroaniline	10.78	127	48979	10.411	ng		98
34) Hexachlorobutadiene	10.97	225	18643	5.943	ng		92
35) Caprolactam	11.53	113	14283	11.418	ng	#	87
36) 4-Chloro-3-methylphenol	11.90	107	39172	9.406	ng		91
37) 2-Methylnaphthalene	12.29	142	81235	9.967	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	46916	8.995	ng		98
40) Hexachlorocyclopentadiene	12.64	237	25539	8.352	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.90	196	29425	9.710	ng		96
43) 2,4,5-Trichlorophenol	12.96	196	34117	9.524	ng		98
45) 1,1'-Biphenyl	13.31	154	119933	10.841	ng		99
46) 2-Chloronaphthalene	13.34	162	89399	10.480	ng		98
47) 2-Nitroaniline	13.54	65	23806	7.451	ng		91
48) Acenaphthylene	14.19	152	150710	10.585	ng		98
49) Dimethylphthalate	13.94	163	132609	10.582	ng		99
50) 2,6-Dinitrotoluene	14.05	165	20991	8.192	ng		96
51) Acenaphthene	14.54	154	93407	10.177	ng		96
52) 3-Nitroaniline	14.37	138	24314	9.051	ng		84
53) 2,4-Dinitrophenol	14.58	184	7235	6.759	ng	#	51
54) Dibenzofuran	14.87	168	142695	10.525	ng		98
55) 4-Nitrophenol	14.66	139	19194	10.161	ng		87
56) 2,4-Dinitrotoluene	14.83	165	27012	7.160	ng	#	88
57) Fluorene	15.52	166	124808	10.806	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.09	232	31442m	9.324	ng		
59) Diethylphthalate	15.31	149	144057	11.838	ng		98
60) 4-Chlorophenyl-phenylether	15.53	204	63474	9.560	ng		97
61) 4-Nitroaniline	15.53	138	27034	9.937	ng		98
62) Azobenzene	15.82	77	126246	10.710	ng		96
64) 4,6-Dinitro-2-methylphenol	15.59	198	12505	5.599	ng		91
65) n-Nitrosodiphenylamine	15.74	169	109356	10.259	ng		99
66) 4-Bromophenyl-phenylether	16.42	248	39621	9.036	ng		91
67) Hexachlorobenzene	16.53	284	42744	9.237	ng	#	71
68) Atrazine	16.70	200	48600	11.252	ng		95
69) Pentachlorophenol	16.87	266	28591	9.002	ng	#	58
70) Phenanthrene	17.27	178	209373	10.767	ng		98
71) Anthracene	17.36	178	208798	10.605	ng		98
72) Carbazole	17.63	167	208553	11.954	ng		99
73) Di-n-butylphthalate	18.22	149	260256	12.816	ng		99
74) Fluoranthene	19.29	202	266172	11.061	ng		100
76) Benzidine	19.47	184	123783	11.379	ng		98
77) Pyrene	19.65	202	278054	10.393	ng		99
79) Butylbenzylphthalate	20.57	149	118371	11.990	ng		94
80) Benzo(a)anthracene	21.47	228	266176	10.421	ng		99
81) 3,3'-Dichlorobenzidine	21.39	252	98242	10.809	ng		97
82) Chrysene	21.53	228	252011	10.193	ng		98
83) Bis(2-ethylhexyl)phthalate	21.43	149	166043	12.201	ng	#	96
84) Di-n-octyl phthalate	22.61	149	259102	12.434	ng		99
85) Indeno(1,2,3-cd)pyrene	28.03	276	270302	10.111	ng	#	90
87) Benzo(b)fluoranthene	23.58	252	245858	10.750	ng		100
88) Benzo(k)fluoranthene	23.65	252	247748	10.711	ng		98
89) Benzo(a)pyrene	24.41	252	234308	10.668	ng		97
90) Dibenzo(a,h)anthracene	28.10	278	225289	10.889	ng		98
91) Benzo(g,h,i)perylene	29.11	276	219835	10.731	ng		96

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

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