Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111017\
Data File : BG030902.D
Acq On : 10 Nov 2017 11:10
Operator : SJ/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
SOHIL
11/13/2017 4:44:55 PM

Quant Time: Nov 10 14:22:06 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 13:42:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	37342	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	164473	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	116190	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	300385	20.00	ng		0.00
75) Chrysene-d12	21.81	240	384593	20.00	ng		0.03
86) Perylene-d12	25.17	264	396635	20.00	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	10664	4.77	ng		0.00
7) Phenol-d6	7.31	99	13611	4.34	ng		0.00
23) Nitrobenzene-d5	9.32	82	13569	5.24	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	9263	6.17	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	41958	5.30	ng		0.00
78) Terphenyl-d14	20.12	244	91202	5.39	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	2260	2.492	ng	#	83
3) Pyridine	3.98	79	6031	2.284	ng		88
4) n-Nitrosodimethylamine	3.88	42	2864	2.320	ng	#	86
6) Aniline	7.46	93	9278	2.388	ng	#	91
8) 2-Chlorophenol	7.72	128	5988	2.337	ng		86
9) Benzaldehyde	7.28	77	5134	3.253	ng	#	76
10) Phenol	7.34	94	7501	2.218	ng		79
11) bis(2-Chloroethyl)ether	7.56	93	5577	2.263	ng		98
12) 1,3-Dichlorobenzene	8.04	146	7164m	2.490	ng		
13) 1,4-Dichlorobenzene	8.18	146	6897	2.348	ng		93
14) 1,2-Dichlorobenzene	8.51	146	6724	2.374	ng		96
15) Benzyl Alcohol	8.39	79	5388	2.437	ng	#	86
17) 2-Methylphenol	8.59	107	5258	2.340	ng	#	93
18) Hexachloroethane	9.23	117	2384	2.382	ng		87
19) n-Nitroso-di-n-propylamine	8.95	70	5082	2.382	ng	#	89
20) 3+4-Methylphenols	8.93	107	6883	2.174	ng		89
22) Acetophenone	8.97	105	9789	2.470	ng	#	98
24) Nitrobenzene	9.36	77	6957	2.391	ng	#	96
25) Isophorone	9.88	82	13240	2.450	ng	#	92
26) 2-Nitrophenol	10.08	139	3089	2.221	ng		90
27) 2,4-Dimethylphenol	10.13	122	5238	2.082	ng		84
28) bis(2-Chloroethoxy)methane	10.36	93	8597	2.595	ng	#	95
29) 2,4-Dichlorophenol	10.63	162	5650	2.105	ng		92
30) 1,2,4-Trichlorobenzene	10.83	180	7653	2.640	ng		90
31) Naphthalene	11.01	128	20723	2.528	ng		99
33) 4-Chloroaniline	11.13	127	8077	2.342	ng	#	91
34) Hexachlorobutadiene	11.30	225	5429	3.012	ng	#	88
35) Caprolactam	11.88	113	2809	3.150	ng	#	52
36) 4-Chloro-3-methylphenol	12.25	107	7109	2.409	ng		94
37) 2-Methylnaphthalene	12.62	142	15701m	2.628	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	11609	2.737	ng	#	96
42) 2,4,6-Trichlorophenol	13.22	196	6001	2.253	ng	#	93
43) 2,4,5-Trichlorophenol	13.31	196	7155	2.616	ng		88
45) 1,1'-Biphenyl	13.61	154	24979	2.501	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	13.66	162	17128	2.351	ng	#	89
47) 2-Nitroaniline	13.86	65	4415	2.207	ng		88
48) Acenaphthylene	14.50	152	28634	2.512	ng		99
49) Dimethylphthalate	14.21	163	26058	2.874	ng	#	98
50) 2,6-Dinitrotoluene	14.35	165	4532	2.385	ng	#	83
51) Acenaphthene	14.83	154	17771	2.396	ng		94
52) 3-Nitroaniline	14.68	138	5184	2.528	ng		97
54) Dibenzofuran	15.17	168	28482	2.690	ng		95
56) 2,4-Dinitrotoluene	15.14	165	6692	2.601	ng	#	80
57) Fluorene	15.82	166	24304	2.778	ng		93
58) 2,3,4,6-Tetrachlorophenol	15.40	232	6728m	2.949	ng		
59) Diethylphthalate	15.57	149	27320	3.024	ng		99
60) 4-Chlorophenyl-phenylether	15.80	204	14187	3.042	ng	#	89
61) 4-Nitroaniline	15.84	138	5265	2.500	ng		93
62) Azobenzene	16.10	77	19894	2.611	ng		85
65) n-Nitrosodiphenylamine	16.01	169	22776	2.531	ng		96
66) 4-Bromophenyl-phenylether	16.70	248	9620	2.791	ng		87
67) Hexachlorobenzene	16.83	284	9709	2.487	ng		94
68) Atrazine	16.96	200	10332	3.218	ng		96
70) Phenanthrene	17.56	178	41188	2.654	ng		96
71) Anthracene	17.65	178	40489	2.598	ng		97
72) Carbazole	17.92	167	38851	2.596	ng		97
73) Di-n-butylphthalate	18.46	149	49968	2.903	ng		99
74) Fluoranthene	19.57	202	53219	2.932	ng		98
76) Benzidine	19.75	184	24897	2.144	ng		95
77) Pyrene	19.93	202	57496	2.464	ng		98
79) Butylbenzylphthalate	20.80	149	22467	2.260	ng		94
80) Benzo(a)anthracene	21.79	228	63914	2.831	ng		96
81) 3,3'-Dichlorobenzidine	21.70	252	24323	2.610	ng		99
82) Chrysene	21.86	228	57185	2.644	ng		99
84) Di-n-octyl phthalate	22.92	149	57260	2.303	ng	#	98
85) Indeno(1,2,3-cd)pyrene	29.02	276	68987	2.593	ng	#	87
87) Benzo(b)fluoranthene	24.09	252	60283	2.655	ng		98
88) Benzo(k)fluoranthene	24.16	252	60478	2.673	ng		98
89) Benzo(a)pyrene	25.00	252	58809	2.694	ng		99
90) Dibenzo(a,h)anthracene	29.10	278	57121m	2.585	ng		
91) Benzo(g,h,i)perylene	30.25	276	57893	2.819	ng	#	93

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

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