Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG090717\
Data File : BG028595.D
Acq On : 7 Sep 2017 15:56
Operator : SJ/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
9/8/2017 5:44:26 PM

Quant Time: Sep 07 17:03:32 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 07 16:57:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	38829	20.00	ng		0.00
21) Naphthalene-d8	11.16	136	164025	20.00	ng		0.00
38) Acenaphthene-d10	14.95	164	111165	20.00	ng		0.00
63) Phenanthrene-d10	17.70	188	270795	20.00	ng		0.00
75) Chrysene-d12	22.04	240	322383	20.00	ng		0.00
86) Perylene-d12	25.54	264	300405	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.91	112	183522	84.54	ng		0.00
7) Phenol-d6	7.50	99	272094	87.00	ng		0.00
23) Nitrobenzene-d5	9.51	82	285201	97.15	ng		0.00
41) 2,4,6-Tribromophenol	16.44	330	135854	82.46	ng		0.00
44) 2-Fluorobiphenyl	13.57	172	682627	80.98	ng		0.00
78) Terphenyl-d14	20.29	244	1192781	83.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	37046	45.835	ng		95
3) Pyridine	4.25	79	115832	49.964	ng		92
4) n-Nitrosodimethylamine	4.16	42	54852	42.115	ng	#	77
6) Aniline	7.67	93	174729	47.989	ng		97
8) 2-Chlorophenol	7.91	128	103070	41.508	ng		99
9) Benzaldehyde	7.48	77	78258	45.706	ng		99
10) Phenol	7.52	94	146680	44.733	ng		88
11) bis(2-Chloroethyl)ether	7.75	93	104781	43.585	ng		96
12) 1,3-Dichlorobenzene	8.23	146	118666	40.809	ng		92
13) 1,4-Dichlorobenzene	8.38	146	121222	40.296	ng		97
14) 1,2-Dichlorobenzene	8.69	146	117773	40.325	ng		96
15) Benzyl Alcohol	8.58	79	109090	57.083	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.85	45	218189	44.996	ng		97
17) 2-Methylphenol	8.78	107	91762	42.541	ng		92
18) Hexachloroethane	9.43	117	46997	48.020	ng		96
19) n-Nitroso-di-n-propylamine	9.13	70	106250	48.659	ng		92
20) 3+4-Methylphenols	9.10	107	134280	44.322	ng		92
22) Acetophenone	9.16	105	181268	45.832	ng	#	88
24) Nitrobenzene	9.55	77	151626	49.109	ng		95
25) Isophorone	10.07	82	265052	47.268	ng	#	97
26) 2-Nitrophenol	10.26	139	60803	41.059	ng		92
27) 2,4-Dimethylphenol	10.31	122	114053	43.877	ng		98
28) bis(2-Chloroethoxy)methane	10.54	93	154392	47.118	ng		95
29) 2,4-Dichlorophenol	10.80	162	111047	39.459	ng		94
30) 1,2,4-Trichlorobenzene	11.01	180	136125	43.144	ng		97
31) Naphthalene	11.21	128	354029	43.291	ng		99
32) Benzoic acid	10.46	122	73580	58.182	ng		86
33) 4-Chloroaniline	11.32	127	152174	45.531	ng		92
34) Hexachlorobutadiene	11.48	225	98894	44.903	ng		95
35) Caprolactam	12.10	113	41959	48.734	ng		98
36) 4-Chloro-3-methylphenol	12.42	107	144087	47.457	ng		97
37) 2-Methylnaphthalene	12.79	142	264204	42.323	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	173405	39.452	ng	#	96
40) Hexachlorocyclopentadiene	13.12	237	62563	30.500	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	112478	42.205	ng		92
43) 2,4,5-Trichlorophenol	13.47	196	111888	39.871	ng		92
45) 1,1'-Biphenyl	13.78	154	370427	38.779	ng		98
46) 2-Chloronaphthalene	13.83	162	282191	40.571	ng		99
47) 2-Nitroaniline	14.04	65	114331	55.015	ng		93
48) Acenaphthylene	14.67	152	430021	38.851	ng		96
49) Dimethylphthalate	14.39	163	362022	39.000	ng		97
50) 2,6-Dinitrotoluene	14.52	165	82798	41.753	ng	#	80
51) Acenaphthene	15.02	154	267943	38.585	ng		95
52) 3-Nitroaniline	14.86	138	81987	43.623	ng		93
53) 2,4-Dinitrophenol	15.07	184	46630	41.444	ng		90
54) Dibenzofuran	15.34	168	409991	38.632	ng		99
55) 4-Nitrophenol	15.17	139	56991	40.586	ng	#	79
56) 2,4-Dinitrotoluene	15.32	165	112636	41.083	ng	#	89
57) Fluorene	16.00	166	370367	39.057	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.57	232	97754	39.217	ng		97
59) Diethylphthalate	15.74	149	374613	41.628	ng		98
60) 4-Chlorophenyl-phenylether	15.97	204	210430	40.246	ng		92
61) 4-Nitroaniline	16.03	138	88890	44.241	ng	#	87
62) Azobenzene	16.27	77	336303	47.672	ng		95
64) 4,6-Dinitro-2-methylphenol	16.08	198	76371	42.309	ng		91
65) n-Nitrosodiphenylamine	16.20	169	325496	41.176	ng		98
66) 4-Bromophenyl-phenylether	16.87	248	143732	42.549	ng		97
67) Hexachlorobenzene	17.01	284	156412	42.491	ng		93
68) Atrazine	17.13	200	113279	37.361	ng		99
69) Pentachlorophenol	17.35	266	71255	34.574	ng		91
70) Phenanthrene	17.74	178	582121	41.097	ng		94
71) Anthracene	17.84	178	588364	41.710	ng		98
72) Carbazole	18.11	167	526864	41.493	ng		96
73) Di-n-butylphthalate	18.63	149	635626	45.559	ng	#	94
74) Fluoranthene	19.75	202	737080	43.335	ng		93
76) Benzidine	19.91	184	261460	34.745	ng		98
77) Pyrene	20.10	202	762334	44.243	ng		96
79) Butylbenzylphthalate	20.97	149	288879	46.670	ng		95
80) Benzo(a)anthracene	22.01	228	756544	42.691	ng		95
81) 3,3'-Dichlorobenzidine	21.91	252	295243	42.369	ng		95
82) Chrysene	22.09	228	716771	42.275	ng		96
83) Bis(2-ethylhexyl)phthalate	21.87	149	416816	46.256	ng		97
84) Di-n-octyl phthalate	23.16	149	716573	46.845	ng	#	90
85) Indeno(1,2,3-cd)pyrene	29.60	276	852463	43.482	ng		100
87) Benzo(b)fluoranthene	24.43	252	752528m	42.869	ng		
88) Benzo(k)fluoranthene	24.50	252	749874	42.734	ng		96
89) Benzo(a)pyrene	25.38	252	710954	42.941	ng		97
90) Dibenzo(a,h)anthracene	29.65	278	747358	44.706	ng		99
91) Benzo(g,h,i)perylene	30.87	276	725655	45.039	ng		98

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

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