Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG062817\
Data File : BG027711.D
Acq On : 28 Jun 2017 16:12
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
6/29/2017 4:48:32 PM

Quant Time: Jun 28 16:49:40 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:38:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	41476	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	219474	20.00	ng		0.00
38) Acenaphthene-d10	15.06	164	139392	20.00	ng		0.00
63) Phenanthrene-d10	17.82	188	313228	20.00	ng		0.00
75) Chrysene-d12	22.18	240	336127	20.00	ng		0.00
86) Perylene-d12	25.79	264	298924	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	445259	152.79	ng		0.00
7) Phenol-d6	7.62	99	700577	162.39	ng		0.01
23) Nitrobenzene-d5	9.65	82	653566	140.91	ng		0.00
41) 2,4,6-Tribromophenol	16.56	330	351658	169.22	ng		0.00
44) 2-Fluorobiphenyl	13.69	172	1588286	155.65	ng		0.00
78) Terphenyl-d14	20.39	244	2216399	155.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.05	88	76380	67.507	ng	#	95
3) Pyridine	4.43	79	259875	70.950	ng		94
4) n-Nitrosodimethylamine	4.34	42	117274	70.156	ng	#	65
6) Aniline	7.81	93	409297	77.738	ng		98
8) 2-Chlorophenol	8.04	128	251541	81.575	ng		91
9) Benzaldehyde	7.62	77	157929	53.872	ng		83
10) Phenol	7.65	94	342984	78.041	ng		78
11) bis(2-Chloroethyl)ether	7.89	93	256845	74.666	ng		96
12) 1,3-Dichlorobenzene	8.37	146	262073	80.512	ng	#	92
13) 1,4-Dichlorobenzene	8.51	146	268273	81.635	ng		96
14) 1,2-Dichlorobenzene	8.84	146	265527	82.225	ng		95
15) Benzyl Alcohol	8.71	79	248071	72.018	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.99	45	523242	91.677	ng		99
17) 2-Methylphenol	8.90	107	247934	80.170	ng	#	85
18) Hexachloroethane	9.56	117	96321	74.743	ng	#	80
19) n-Nitroso-di-n-propylamine	9.28	70	256324	74.800	ng		94
20) 3+4-Methylphenols	9.23	107	361091	85.278	ng		88
22) Acetophenone	9.30	105	429132	71.299	ng	#	86
24) Nitrobenzene	9.69	77	338730	66.626	ng	#	84
25) Isophorone	10.21	82	711747	74.689	ng	#	94
26) 2-Nitrophenol	10.40	139	164286	87.363	ng	#	76
27) 2,4-Dimethylphenol	10.44	122	297800	83.855	ng		89
28) bis(2-Chloroethoxy)methane	10.67	93	397486	74.007	ng		96
29) 2,4-Dichlorophenol	10.93	162	265855	86.669	ng		98
30) 1,2,4-Trichlorobenzene	11.15	180	262561	74.868	ng		97
31) Naphthalene	11.35	128	947088	79.839	ng		100
32) Benzoic acid	10.60	122	190612	85.070	ng	#	82
33) 4-Chloroaniline	11.45	127	427666	85.006	ng	#	87
34) Hexachlorobutadiene	11.62	225	144822	68.333	ng		97
35) Caprolactam	12.25	113	124639	87.181	ng		96
36) 4-Chloro-3-methylphenol	12.53	107	359774	76.477	ng		92
37) 2-Methylnaphthalene	12.92	142	723526	83.927	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	320072	73.223	ng		98
40) Hexachlorocyclopentadiene	13.25	237	163290	69.693	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	231453	81.942	ng		93
43) 2,4,5-Trichlorophenol	13.58	196	263399	79.356	ng	#	94
45) 1,1'-Biphenyl	13.91	154	933279	80.297	ng		99
46) 2-Chloronaphthalene	13.95	162	704096	81.451	ng		98
47) 2-Nitroaniline	14.15	65	287142	73.992	ng	#	82
48) Acenaphthylene	14.79	152	1268107	83.717	ng		99
49) Dimethylphthalate	14.51	163	947344	77.619	ng		98
50) 2,6-Dinitrotoluene	14.63	165	218582	82.536	ng	#	79
51) Acenaphthene	15.13	154	837998	79.399	ng		96
52) 3-Nitroaniline	14.98	138	252293	90.252	ng	#	78
53) 2,4-Dinitrophenol	15.17	184	115989	77.489	ng		90
54) Dibenzofuran	15.46	168	1059164	77.048	ng		97
55) 4-Nitrophenol	15.26	139	199333	85.169	ng	#	54
56) 2,4-Dinitrotoluene	15.42	165	307678	81.931	ng	#	87
57) Fluorene	16.11	166	1022081	78.506	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.69	232	218564m	74.779	ng		
59) Diethylphthalate	15.86	149	1019289	76.537	ng		96
60) 4-Chlorophenyl-phenylether	16.09	204	471345	73.571	ng		97
61) 4-Nitroaniline	16.14	138	263550	85.933	ng	#	61
62) Azobenzene	16.39	77	920333	67.395	ng		93
64) 4,6-Dinitro-2-methylphenol	16.19	198	168489	84.706	ng		82
65) n-Nitrosodiphenylamine	16.31	169	879824	91.629	ng		99
66) 4-Bromophenyl-phenylether	16.99	248	295691	85.834	ng		94
67) Hexachlorobenzene	17.12	284	315531	85.708	ng		93
68) Atrazine	17.25	200	263327	74.860	ng		96
69) Pentachlorophenol	17.46	266	182010	79.591	ng		96
70) Phenanthrene	17.86	178	1476582	82.865	ng		97
71) Anthracene	17.95	178	1498849	83.544	ng		99
72) Carbazole	18.22	167	1463202	83.715	ng		98
73) Di-n-butylphthalate	18.74	149	1617269	82.583	ng	#	95
74) Fluoranthene	19.85	202	1640074	79.001	ng		94
76) Benzidine	20.02	184	657049	79.646	ng		99
77) Pyrene	20.22	202	1660456	81.265	ng		100
79) Butylbenzylphthalate	21.09	149	796059	93.346	ng	#	89
80) Benzo(a)anthracene	22.16	228	1642213	81.429	ng		98
81) 3,3'-Dichlorobenzidine	22.05	252	630628	86.488	ng	#	96
82) Chrysene	22.24	228	1551753	81.203	ng		100
83) Bis(2-ethylhexyl)phthalate	22.01	149	1137279	90.980	ng	#	98
84) Di-n-octyl phthalate	23.35	149	1894667	91.122	ng	#	92
85) Indeno(1,2,3-cd)pyrene	29.96	276	1913378	87.862	ng	#	93
87) Benzo(b)fluoranthene	24.64	252	1693324	88.599	ng	#	96
88) Benzo(k)fluoranthene	24.72	252	1657916	88.664	ng	#	94
89) Benzo(a)pyrene	25.63	252	1587898	88.036	ng	#	94
90) Dibenzo(a,h)anthracene	30.04	278	1646364	89.614	ng	#	92
91) Benzo(g,h,i)perylene	31.29	276	1552173	86.980	ng	#	86

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

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