Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093017\
Data File : BG028992.D
Acq On : 30 Sep 2017 23:23
Operator : SJ/JU
Sample : I5509-03MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENERATOR-COMPMS

Manual Integrations APPROVED
Sohil
10/2/2017 5:46:11 PM

Quant Time: Oct 01 02:47:51 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Oct 01 02:46:32 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	32525	20.00	ng		0.00
21) Naphthalene-d8	11.07	136	136101	20.00	ng		0.00
38) Acenaphthene-d10	14.87	164	104662	20.00	ng		0.00
63) Phenanthrene-d10	17.62	188	278298	20.00	ng		0.00
75) Chrysene-d12	21.94	240	328752	20.00	ng		0.00
86) Perylene-d12	25.37	264	334453	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.83	112	266840	135.37	ng		0.00
7) Phenol-d6	7.41	99	360682	121.53	ng		0.00
23) Nitrobenzene-d5	9.43	82	249976	87.86	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	250749	144.85	ng		0.00
44) 2-Fluorobiphenyl	13.49	172	656250	83.61	ng		0.00
78) Terphenyl-d14	20.22	244	1242731	80.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.75	88	30482	38.187	ng		95
3) Pyridine	4.15	79	78803	34.608	ng		93
4) n-Nitrosodimethylamine	4.05	42	48188	46.523	ng	#	70
6) Aniline	7.58	93	73577	21.302	ng		97
8) 2-Chlorophenol	7.82	128	98677	44.907	ng		92
9) Benzaldehyde	7.39	77	41177	22.363	ng		90
10) Phenol	7.44	94	139788	44.631	ng		87
11) bis(2-Chloroethyl)ether	7.67	93	98290	43.710	ng		93
12) 1,3-Dichlorobenzene	8.14	146	103019	43.539	ng		95
13) 1,4-Dichlorobenzene	8.29	146	104307	42.871	ng		98
14) 1,2-Dichlorobenzene	8.61	146	105239	43.782	ng		94
15) Benzyl Alcohol	8.49	79	107760	46.513	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.77	45	179201	43.848	ng		100
17) 2-Methylphenol	8.69	107	96185	46.995	ng		94
18) Hexachloroethane	9.34	117	40032	44.892	ng		93
19) n-Nitroso-di-n-propylamine	9.06	70	91053	43.279	ng	#	85
20) 3+4-Methylphenols	9.02	107	133799	46.738	ng		90
22) Acetophenone	9.08	105	172315	43.301	ng	#	85
24) Nitrobenzene	9.47	77	137989	43.800	ng		96
25) Isophorone	9.99	82	261478	45.421	ng		99
26) 2-Nitrophenol	10.18	139	57211	42.669	ng		91
27) 2,4-Dimethylphenol	10.23	122	108423	44.238	ng		100
28) bis(2-Chloroethoxy)methane	10.46	93	143687	45.962	ng		99
29) 2,4-Dichlorophenol	10.73	162	117562	48.210	ng		94
30) 1,2,4-Trichlorobenzene	10.93	180	124474	44.744	ng		92
31) Naphthalene	11.13	128	320910	45.146	ng		99
32) Benzoic acid	10.38	122	26698	19.480	ng	#	81
33) 4-Chloroaniline	11.27	127	7223	2.426	ng	#	85
34) Hexachlorobutadiene	11.40	225	84003	40.997	ng		97
35) Caprolactam	12.02	113	40195m	45.965	ng		
36) 4-Chloro-3-methylphenol	12.35	107	149748	47.186	ng		97
37) 2-Methylnaphthalene	12.71	142	258262	48.663	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	168742	39.211	ng		96
40) Hexachlorocyclopentadiene	13.05	237	142734	84.868	ng		93

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Quant Time: Oct 01 02:47:51 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	118000	43.203	ng		88
43) 2,4,5-Trichlorophenol	13.41	196	134121	48.869	ng	#	84
45) 1,1'-Biphenyl	13.71	154	356145	41.099	ng		98
46) 2-Chloronaphthalene	13.76	162	281016	44.461	ng		99
47) 2-Nitroaniline	13.96	65	110826	47.180	ng	#	88
48) Acenaphthylene	14.60	152	464326	45.983	ng		97
49) Dimethylphthalate	14.32	163	416540	47.461	ng		98
50) 2,6-Dinitrotoluene	14.45	165	92735	47.487	ng	#	84
51) Acenaphthene	14.94	154	275255	44.873	ng		97
52) 3-Nitroaniline	14.79	138	43064	24.936	ng		92
53) 2,4-Dinitrophenol	15.00	184	40951	43.817	ng		94
54) Dibenzofuran	15.27	168	484501	49.529	ng		94
55) 4-Nitrophenol	15.10	139	119580	94.510	ng	#	78
56) 2,4-Dinitrotoluene	15.24	165	135146	49.217	ng		91
57) Fluorene	15.92	166	418517	47.923	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.50	232	127918	52.884	ng	#	94
59) Diethylphthalate	15.67	149	432998	48.009	ng		98
60) 4-Chlorophenyl-phenylether	15.90	204	234963	47.249	ng		92
61) 4-Nitroaniline	15.96	138	88028	48.114	ng	#	87
62) Azobenzene	16.20	77	394566	52.016	ng		93
64) 4,6-Dinitro-2-methylphenol	16.01	198	51824	28.859	ng		95
65) n-Nitrosodiphenylamine	16.12	169	361952	45.370	ng		98
66) 4-Bromophenyl-phenylether	16.80	248	171682	47.943	ng		96
67) Hexachlorobenzene	16.94	284	175490	43.058	ng	#	85
68) Atrazine	17.07	200	150523	43.943	ng		96
69) Pentachlorophenol	17.28	266	131694	71.516	ng		97
70) Phenanthrene	17.67	178	672814	47.276	ng		95
71) Anthracene	17.76	178	684592	47.619	ng		98
72) Carbazole	18.04	167	606701	46.858	ng		94
73) Di-n-butylphthalate	18.56	149	720118	45.359	ng	#	95
74) Fluoranthene	19.67	202	847824	48.790	ng		93
76) Benzidine	19.85	184	50725	5.950	ng		96
77) Pyrene	20.03	202	866228	45.681	ng		96
79) Butylbenzylphthalate	20.89	149	339205	44.292	ng		92
80) Benzo(a)anthracene	21.92	228	927329	46.862	ng		94
81) 3,3'-Dichlorobenzidine	21.83	252	205384	25.599	ng		99
82) Chrysene	21.99	228	866039	46.125	ng		95
83) Bis(2-ethylhexyl)phthalate	21.78	149	493106	45.290	ng		100
84) Di-n-octyl phthalate	23.05	149	839339	44.123	ng	#	89
85) Indeno(1,2,3-cd)pyrene	29.32	276	1121285	46.479	ng	#	98
87) Benzo(b)fluoranthene	24.28	252	933867m	46.605	ng		
88) Benzo(k)fluoranthene	24.35	252	931027	46.516	ng		96
89) Benzo(a)pyrene	25.21	252	916491	48.186	ng		96
90) Dibenzo(a,h)anthracene	29.37	278	935104	47.158	ng		99
91) Benzo(g,h,i)perylene	30.57	276	934488	48.299	ng		99

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

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