Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012219\
Data File : BG039252.D
Acq On : 22 Jan 2019 15:47
Operator : JU/SJ
Sample : PB116551BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Manual Integrations APPROVED
Sohil
1/23/2019 10:42:46 AM

Quant Time: Jan 22 17:02:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	16030	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	64976	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	46225	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	124524	20.00	ng	0.00
76) Chrysene-d12	21.67	240	130280	20.00	ng	-0.01
87) Perylene-d12	24.92	264	131990	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	169670	200.79	ng	0.00
7) Phenol-d6	7.17	99	168480	138.54	ng	0.00
23) Nitrobenzene-d5	9.18	82	95212	80.18	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	101995	131.63	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	266158	78.80	ng	0.00
79) Terphenyl-d14	20.00	244	566669	80.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	18931	57.208	ng	# 90
3) Pyridine	3.84	79	28261	31.430	ng	97
4) n-Nitrosodimethylamine	3.76	42	19069	47.128	ng	88
6) Aniline	7.34	93	46417	31.782	ng	97
8) 2-Chlorophenol	7.57	128	45571	45.749	ng	96
9) Benzaldehyde	7.15	77	11542	16.457	ng	99
10) Phenol	7.20	94	55567	45.575	ng	99
11) bis(2-Chloroethyl)ether	7.43	93	35501	38.097	ng	98
12) 1,3-Dichlorobenzene	7.89	146	45847	38.415	ng	98
13) 1,4-Dichlorobenzene	8.04	146	47358	39.181	ng	99
14) 1,2-Dichlorobenzene	8.36	146	45771	39.716	ng	96
15) Benzyl Alcohol	8.25	79	39649	43.293	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	73903	41.360	ng	97
17) 2-Methylphenol	8.45	107	38541	45.524	ng	96
18) Hexachloroethane	9.08	117	16286	39.660	ng	99
19) n-Nitroso-di-n-propylamine	8.81	70	30505	38.199	ng	98
20) 3+4-Methylphenols	8.78	107	52578	43.559	ng	98
22) Acetophenone	8.84	105	64536	38.033	ng	99
24) Nitrobenzene	9.22	77	48102	40.077	ng	100
25) Isophorone	9.74	82	87836	42.943	ng	98
26) 2-Nitrophenol	9.93	139	26807	41.293	ng	97
27) 2,4-Dimethylphenol	9.98	122	43792	47.947	ng	89
28) bis(2-Chloroethoxy)methane	10.22	93	53077	43.176	ng	98
29) 2,4-Dichlorophenol	10.47	162	52646	46.398	ng	93
30) 1,2,4-Trichlorobenzene	10.68	180	53725	39.407	ng	98
31) Naphthalene	10.87	128	140023	42.967	ng	99
32) Benzoic acid	10.16	122	15103	31.042	ng	95
33) 4-Chloroaniline	10.99	127	34174	23.436	ng	99
34) Hexachlorobutadiene	11.13	225	36214	38.604	ng	98
35) Caprolactam	11.78	113	17486m	38.431	ng	
36) 4-Chloro-3-methylphenol	12.11	107	51336	42.301	ng	90
37) 2-Methylnaphthalene	12.47	142	106494	43.587	ng	99
38) 1-Methylnaphthalene	12.70	142	101503	43.282	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	69536	40.055	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	72538	74.606	ng		95
43) 2,4,6-Trichlorophenol	13.08	196	46278	42.356	ng		97
44) 2,4,5-Trichlorophenol	13.16	196	51127	44.274	ng		99
46) 1,1'-Biphenyl	13.48	154	144722	39.512	ng		98
47) 2-Chloronaphthalene	13.53	162	115391	38.931	ng		98
48) 2-Nitroaniline	13.74	65	34866	41.988	ng		96
49) Acenaphthylene	14.37	152	192898	43.298	ng		96
50) Dimethylphthalate	14.10	163	158700	40.628	ng		100
51) 2,6-Dinitrotoluene	14.24	165	35754	40.940	ng		98
52) Acenaphthene	14.71	154	109268	40.822	ng		98
53) 3-Nitroaniline	14.57	138	25168	28.408	ng		94
54) 2,4-Dinitrophenol	14.78	184	30533	59.926	ng		95
55) Dibenzofuran	15.05	168	192347	40.687	ng		99
56) 4-Nitrophenol	14.88	139	53147	83.374	ng		100
57) 2,4-Dinitrotoluene	15.02	165	50836	40.573	ng	#	94
58) Fluorene	15.69	166	157124	44.156	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	50051	45.915	ng	#	97
60) Diethylphthalate	15.45	149	162718	40.431	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	89539	39.940	ng		99
62) 4-Nitroaniline	15.74	138	37767	40.921	ng		96
63) Azobenzene	15.97	77	127694	40.572	ng		97
65) 4,6-Dinitro-2-methylphenol	15.79	198	31345	33.977	ng		93
66) n-Nitrosodiphenylamine	15.90	169	142885	38.706	ng		99
67) 4-Bromophenyl-phenylether	16.57	248	58972	36.841	ng		97
68) Hexachlorobenzene	16.69	284	66492	38.068	ng		99
69) Atrazine	16.84	200	60093	38.319	ng		98
70) Pentachlorophenol	17.04	266	59197	56.677	ng		97
71) Phenanthrene	17.44	178	276853	42.062	ng		99
72) Anthracene	17.53	178	279630	42.968	ng		99
73) Carbazole	17.81	167	245441	38.205	ng		99
74) Di-n-butylphthalate	18.34	149	283416	39.656	ng		98
75) Fluoranthene	19.45	202	347095	42.539	ng		99
77) Benzidine	19.64	184	111633	28.015	ng		99
78) Pyrene	19.81	202	348994	42.034	ng		99
80) Butylbenzylphthalate	20.68	149	130844	41.435	ng		99
81) Benzo(a)anthracene	21.65	228	346197	43.652	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	87904	27.203	ng		96
83) Chrysene	21.72	228	322169	42.712	ng		100
84) Bis(2-ethylhexyl)phthalate	21.52	149	178542	40.720	ng		98
85) Di-n-octyl phthalate	22.73	149	309110	41.693	ng		99
86) Indeno(1,2,3-cd)pyrene	28.67	276	405086	44.945	ng	#	80
88) Benzo(b)fluoranthene	23.88	252	347549	47.754	ng		100
89) Benzo(k)fluoranthene	23.95	252	323924	45.015	ng		96
90) Benzo(a)pyrene	24.77	252	333192	47.364	ng		99
91) Dibenzo(a,h)anthracene	28.71	278	335745	47.983	ng		99
92) Benzo(g,h,i)perylene	29.84	276	326443	47.125	ng		98

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

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