Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
Data File : BG039308.D
Acq On : 26 Jan 2019 12:21
Operator : JU/SJ
Sample : PB116618BSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116618BSD

Manual Integrations APPROVED
mohammad
1/29/2019 12:26:14 AM

Quant Time: Jan 28 04:19:06 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	13266	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	62188	20.00	ng		-0.01
39) Acenaphthene-d10	14.65	164	38687	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	108024	20.00	ng		0.00
76) Chrysene-d12	21.67	240	115758	20.00	ng		-0.01
87) Perylene-d12	24.92	264	124093	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	58259	83.31	ng		0.00
7) Phenol-d6	7.17	99	84774	84.23	ng		0.00
23) Nitrobenzene-d5	9.18	82	71454	62.87	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	48531	74.84	ng		-0.01
45) 2-Fluorobiphenyl	13.27	172	205400	72.66	ng		0.00
79) Terphenyl-d14	20.00	244	405993	64.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	8201	29.946	ng		84
3) Pyridine	3.84	79	24671	33.154	ng		96
4) n-Nitrosodimethylamine	3.77	42	14831	44.291	ng		99
6) Aniline	7.33	93	15987	13.227	ng		97
8) 2-Chlorophenol	7.57	128	30132	36.552	ng		97
9) Benzaldehyde	7.15	77	6497	11.194	ng	#	83
10) Phenol	7.19	94	39746	39.391	ng		94
11) bis(2-Chloroethyl)ether	7.42	93	25001	32.419	ng		97
12) 1,3-Dichlorobenzene	7.89	146	31868	32.266	ng		96
13) 1,4-Dichlorobenzene	8.04	146	33057	33.047	ng		97
14) 1,2-Dichlorobenzene	8.36	146	31922	33.470	ng		99
15) Benzyl Alcohol	8.25	79	28673	37.832	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	50885	34.411	ng		98
17) 2-Methylphenol	8.45	107	28581	40.793	ng		98
18) Hexachloroethane	9.08	117	11640	34.252	ng		92
19) n-Nitroso-di-n-propylamine	8.81	70	22082	33.413	ng	#	97
20) 3+4-Methylphenols	8.78	107	37756	37.797	ng		96
22) Acetophenone	8.84	105	45070	27.752	ng	#	97
24) Nitrobenzene	9.22	77	33420	29.093	ng		95
25) Isophorone	9.74	82	75893	38.767	ng		98
26) 2-Nitrophenol	9.94	139	19835	31.923	ng		93
27) 2,4-Dimethylphenol	9.98	122	34267	39.200	ng		92
28) bis(2-Chloroethoxy)methane	10.22	93	39549	33.614	ng		100
29) 2,4-Dichlorophenol	10.47	162	37332	34.376	ng		95
30) 1,2,4-Trichlorobenzene	10.68	180	39698	30.424	ng		96
31) Naphthalene	10.87	128	108770	34.873	ng		98
32) Benzoic acid	10.19	122	6111m	18.577	ng		
33) 4-Chloroaniline	10.99	127	12511	8.964	ng		98
34) Hexachlorobutadiene	11.13	225	26415	29.421	ng		98
35) Caprolactam	11.77	113	14291m	32.817	ng		
36) 4-Chloro-3-methylphenol	12.11	107	46785	40.279	ng		88
37) 2-Methylnaphthalene	12.47	142	83090	35.532	ng		100
38) 1-Methylnaphthalene	12.69	142	77628	34.585	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	50189	34.544	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	53420	66.337	ng		99
43) 2,4,6-Trichlorophenol	13.08	196	32918	35.998	ng		98
44) 2,4,5-Trichlorophenol	13.16	196	36526	37.793	ng		96
46) 1,1'-Biphenyl	13.48	154	104335	34.036	ng		99
47) 2-Chloronaphthalene	13.53	162	84041	33.878	ng		97
48) 2-Nitroaniline	13.74	65	25844	37.187	ng		93
49) Acenaphthylene	14.37	152	138242	37.076	ng		99
50) Dimethylphthalate	14.10	163	118993	36.398	ng		98
51) 2,6-Dinitrotoluene	14.23	165	27099	37.076	ng		95
52) Acenaphthene	14.71	154	79423	35.453	ng		98
53) 3-Nitroaniline	14.57	138	9334	12.589	ng	#	95
54) 2,4-Dinitrophenol	14.78	184	16126	39.804	ng		96
55) Dibenzofuran	15.04	168	141729	35.822	ng		98
56) 4-Nitrophenol	14.88	139	39108	73.304	ng		98
57) 2,4-Dinitrotoluene	15.02	165	39211	37.393	ng	#	95
58) Fluorene	15.69	166	115082	38.642	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	35076	38.447	ng	#	99
60) Diethylphthalate	15.45	149	128794	38.237	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	67130	35.779	ng		98
62) 4-Nitroaniline	15.73	138	27722	35.890	ng		93
63) Azobenzene	15.98	77	96408	36.600	ng		96
65) 4,6-Dinitro-2-methylphenol	15.78	198	20346	25.423	ng		98
66) n-Nitrosodiphenylamine	15.90	169	106100	33.132	ng		97
67) 4-Bromophenyl-phenylether	16.57	248	46731	33.653	ng		96
68) Hexachlorobenzene	16.69	284	51810	34.193	ng		98
69) Atrazine	16.84	200	48351	35.541	ng		97
70) Pentachlorophenol	17.04	266	40801	46.222	ng		99
71) Phenanthrene	17.44	178	211785	37.091	ng		99
72) Anthracene	17.53	178	218852	38.766	ng		100
73) Carbazole	17.81	167	197417	35.423	ng		99
74) Di-n-butylphthalate	18.33	149	237056	38.235	ng		99
75) Fluoranthene	19.45	202	325232	45.947	ng		99
77) Benzidine	19.64	184	56734	16.024	ng		99
78) Pyrene	19.81	202	302119	40.954	ng		99
80) Butylbenzylphthalate	20.68	149	104650	37.298	ng		99
81) Benzo(a)anthracene	21.65	228	274133	38.902	ng		98
82) 3,3'-Dichlorobenzidine	21.56	252	42650	14.855	ng		99
83) Chrysene	21.72	228	256278	38.238	ng		100
84) Bis(2-ethylhexyl)phthalate	21.52	149	144768	37.159	ng		95
85) Di-n-octyl phthalate	22.72	149	252226	38.288	ng		100
86) Indeno(1,2,3-cd)pyrene	28.66	276	394682	49.284	ng	#	92
88) Benzo(b)fluoranthene	23.88	252	279871	40.902	ng		100
89) Benzo(k)fluoranthene	23.95	252	273362	40.406	ng		98
90) Benzo(a)pyrene	24.77	252	264142	39.938	ng		99
91) Dibenzo(a,h)anthracene	28.71	278	324696	49.357	ng		99
92) Benzo(g,h,i)perylene	29.83	276	264406	40.599	ng		97

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

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