Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
Data File : BG038352.D
Acq On : 5 Dec 2018 9:44
Operator : JU/SJ
Sample : PB115253BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Manual Integrations APPROVED
mohammad
12/6/2018 10:33:23 AM

Quant Time: Dec 05 10:53:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	48359	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	204179	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	84452	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	207164	20.00	ng		0.00
76) Chrysene-d12	21.74	240	195577	20.00	ng		0.00
87) Perylene-d12	25.05	264	212262	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	214002	78.31	ng		0.00
7) Phenol-d6	7.22	99	250442	63.41	ng		0.00
23) Nitrobenzene-d5	9.25	82	159527	38.79	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	105043	101.32	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	368535	62.18	ng		0.00
79) Terphenyl-d14	20.05	244	635700	69.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	19516	15.582	ng	#	87
3) Pyridine	3.90	79	90014	24.023	ng		99
4) n-Nitrosodimethylamine	3.83	42	46258	28.184	ng		94
6) Aniline	7.40	93	44634	8.848	ng		97
8) 2-Chlorophenol	7.63	128	74912	23.604	ng		98
9) Benzaldehyde	7.22	77	37565	15.020	ng		97
10) Phenol	7.25	94	96329	23.083	ng		89
11) bis(2-Chloroethyl)ether	7.49	93	66241	19.382	ng		99
12) 1,3-Dichlorobenzene	7.96	146	78555	21.178	ng		93
13) 1,4-Dichlorobenzene	8.10	146	120798	31.475	ng		97
14) 1,2-Dichlorobenzene	8.43	146	77801	17.449	ng		98
15) Benzyl Alcohol	8.31	79	93841	28.899	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	153269	19.716	ng		98
17) 2-Methylphenol	8.51	107	64989	19.186	ng		96
18) Hexachloroethane	9.15	117	26813	19.357	ng		92
19) n-Nitroso-di-n-propylamine	8.87	70	58239	19.073	ng		92
20) 3+4-Methylphenols	8.83	107	91731	21.819	ng		96
22) Acetophenone	8.90	105	107374	20.520	ng	#	94
24) Nitrobenzene	9.29	77	86839	20.783	ng		95
25) Isophorone	9.80	82	163214	22.583	ng	#	98
26) 2-Nitrophenol	10.00	139	41513	21.443	ng		95
27) 2,4-Dimethylphenol	10.04	122	77344	27.814	ng		99
28) bis(2-Chloroethoxy)methane	10.29	93	97714	23.584	ng		95
29) 2,4-Dichlorophenol	10.53	162	95883	30.207	ng		95
30) 1,2,4-Trichlorobenzene	10.75	180	110332	29.610	ng		96
31) Naphthalene	10.94	128	359683	36.879	ng		98
32) Benzoic acid	10.18	122	36502	21.415	ng		92
33) 4-Chloroaniline	11.06	127	37359	8.653	ng	#	93
34) Hexachlorobutadiene	11.21	225	70369	30.187	ng		97
35) Caprolactam	11.83	113	41442m	31.571	ng		
36) 4-Chloro-3-methylphenol	12.16	107	136213	38.622	ng		100
37) 2-Methylnaphthalene	12.54	142	192539	27.721	ng		98
38) 1-Methylnaphthalene	12.76	142	164395	24.712	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	92705	31.901	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	129892	81.337	ng		100
43) 2,4,6-Trichlorophenol	13.14	196	66497	35.324	ng		99
44) 2,4,5-Trichlorophenol	13.21	196	73618	36.915	ng		94
46) 1,1'-Biphenyl	13.54	154	225734	31.622	ng		99
47) 2-Chloronaphthalene	13.59	162	179153	33.258	ng		99
48) 2-Nitroaniline	13.80	65	63626	35.207	ng		95
49) Acenaphthylene	14.43	152	299628	36.932	ng		100
50) Dimethylphthalate	14.16	163	246135	36.336	ng		99
51) 2,6-Dinitrotoluene	14.29	165	54769	35.396	ng		95
52) Acenaphthene	14.77	154	170024	34.377	ng		98
53) 3-Nitroaniline	14.63	138	17865	10.720	ng	#	94
54) 2,4-Dinitrophenol	14.83	184	61692	72.732	ng	#	88
55) Dibenzofuran	15.11	168	285393	34.904	ng		97
56) 4-Nitrophenol	14.92	139	93241	70.830	ng		87
57) 2,4-Dinitrotoluene	15.08	165	78942	36.990	ng		97
58) Fluorene	15.75	166	232871	38.657	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	66266	38.259	ng		97
60) Diethylphthalate	15.51	149	261327	34.823	ng		97
61) 4-Chlorophenyl-phenylether	15.74	204	124467	34.399	ng		100
62) 4-Nitroaniline	15.79	138	57332	34.979	ng		91
63) Azobenzene	16.04	77	233027	35.480	ng		96
65) 4,6-Dinitro-2-methylphenol	15.84	198	44574	32.839	ng		97
66) n-Nitrosodiphenylamine	15.96	169	215285	36.955	ng		98
67) 4-Bromophenyl-phenylether	16.63	248	81522	36.440	ng		98
68) Hexachlorobenzene	16.75	284	83514	36.192	ng		99
69) Atrazine	16.90	200	84637	38.936	ng		99
70) Pentachlorophenol	17.10	266	97181	61.487	ng		97
71) Phenanthrene	17.50	178	400273	38.582	ng		99
72) Anthracene	17.59	178	408179	40.628	ng		100
73) Carbazole	17.86	167	373289	37.435	ng		99
74) Di-n-butylphthalate	18.40	149	446841	38.358	ng		99
75) Fluoranthene	19.51	202	492989	40.672	ng		97
77) Benzidine	19.69	184	83537	12.658	ng		99
78) Pyrene	19.87	202	493121	36.036	ng		97
80) Butylbenzylphthalate	20.74	149	202342	36.764	ng		98
81) Benzo(a)anthracene	21.72	228	462493	38.476	ng		98
82) 3,3'-Dichlorobenzidine	21.63	252	62655	13.399	ng		98
83) Chrysene	21.79	228	428936	37.709	ng		98
84) Bis(2-ethylhexyl)phthalate	21.59	149	281390	36.071	ng		98
85) Di-n-octyl phthalate	22.82	149	475739	35.566	ng		98
86) Indeno(1,2,3-cd)pyrene	28.84	276	516828	39.979	ng	#	93
88) Benzo(b)fluoranthene	23.98	252	449666	37.492	ng		99
89) Benzo(k)fluoranthene	24.06	252	439869	36.824	ng		99
90) Benzo(a)pyrene	24.89	252	441207	37.925	ng	#	95
91) Dibenzo(a,h)anthracene	28.91	278	430038	38.975	ng		96
92) Benzo(g,h,i)perylene	30.03	276	434230	39.666	ng		96

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

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