Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
Data File : BG038301.D
Acq On : 2 Dec 2018 00:05
Operator : JU/SJ
Sample : PB115183BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115183BS

Manual Integrations APPROVED
mohammad
12/3/2018 5:13:27 PM

Quant Time: Dec 03 07:09:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	28704	20.00	ng		-0.01
21) Naphthalene-d8	10.90	136	126129	20.00	ng		-0.01
39) Acenaphthene-d10	14.72	164	81490	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	198364	20.00	ng		-0.01
76) Chrysene-d12	21.75	240	187902	20.00	ng		0.00
87) Perylene-d12	25.06	264	202000	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	188378	113.31	ng		-0.01
7) Phenol-d6	7.23	99	256190	107.96	ng		0.00
23) Nitrobenzene-d5	9.26	82	239504	101.65	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	105821	113.86	ng		-0.01
45) 2-Fluorobiphenyl	13.34	172	549638	98.26	ng		-0.01
79) Terphenyl-d14	20.06	244	896228	112.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	29255	37.255	ng	#	88
3) Pyridine	3.91	79	86897	38.793	ng		92
4) n-Nitrosodimethylamine	3.83	42	52807	64.980	ng		86
6) Aniline	7.40	93	84838	27.699	ng		97
8) 2-Chlorophenol	7.64	128	102824	53.303	ng		99
9) Benzaldehyde	7.22	77	61262	35.697	ng		99
10) Phenol	7.25	94	131296	52.233	ng		92
11) bis(2-Chloroethyl)ether	7.50	93	96997	47.267	ng		98
12) 1,3-Dichlorobenzene	7.96	146	101215	45.545	ng		98
13) 1,4-Dichlorobenzene	8.11	146	103476	46.094	ng		98
14) 1,2-Dichlorobenzene	8.43	146	99385	46.371	ng		99
15) Benzyl Alcohol	8.32	79	94440	54.998	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	216414	56.794	ng		96
17) 2-Methylphenol	8.51	107	93279	54.888	ng		96
18) Hexachloroethane	9.16	117	38122	46.661	ng		95
19) n-Nitroso-di-n-propylamine	8.88	70	80841	47.079	ng		89
20) 3+4-Methylphenols	8.84	107	128478	53.330	ng		96
22) Acetophenone	8.91	105	148840	47.429	ng	#	95
24) Nitrobenzene	9.30	77	119839	49.719	ng		96
25) Isophorone	9.81	82	229256	54.058	ng		98
26) 2-Nitrophenol	10.01	139	58886	48.937	ng		90
27) 2,4-Dimethylphenol	10.05	122	108389	59.785	ng		96
28) bis(2-Chloroethoxy)methane	10.29	93	135059	49.803	ng		98
29) 2,4-Dichlorophenol	10.54	162	108512	53.212	ng		99
30) 1,2,4-Trichlorobenzene	10.76	180	105179	46.027	ng		100
31) Naphthalene	10.95	128	316063	50.948	ng		99
32) Benzoic acid	10.20	122	54355	46.931	ng		95
33) 4-Chloroaniline	11.07	127	31288	10.842	ng		93
34) Hexachlorobutadiene	11.21	225	64653	45.970	ng		95
35) Caprolactam	11.84	113	41475m	50.812	ng		
36) 4-Chloro-3-methylphenol	12.17	107	120768	54.207	ng		97
37) 2-Methylnaphthalene	12.55	142	233969	52.505	ng		98
38) 1-Methylnaphthalene	12.77	142	227284	52.988	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	125325	46.024	ng		98

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Quant Time: Dec 03 07:09:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	168809	115.772	ng		97
43) 2,4,6-Trichlorophenol	13.15	196	93255	50.257	ng		99
44) 2,4,5-Trichlorophenol	13.22	196	104527	53.538	ng		97
46) 1,1'-Biphenyl	13.55	154	306790	44.813	ng		99
47) 2-Chloronaphthalene	13.59	162	243228	46.559	ng		99
48) 2-Nitroaniline	13.81	65	87926	53.477	ng		98
49) Acenaphthylene	14.44	152	409305	52.101	ng		99
50) Dimethylphthalate	14.16	163	334599	51.793	ng		99
51) 2,6-Dinitrotoluene	14.30	165	75743	51.803	ng		96
52) Acenaphthene	14.78	154	235931	49.885	ng		98
53) 3-Nitroaniline	14.63	138	30443	18.869	ng	#	94
54) 2,4-Dinitrophenol	14.83	184	89589	109.638	ng	#	82
55) Dibenzofuran	15.11	168	382087	48.858	ng		96
56) 4-Nitrophenol	14.93	139	132103	106.162	ng		83
57) 2,4-Dinitrotoluene	15.08	165	107861	54.218	ng		95
58) Fluorene	15.76	166	308464	52.865	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.33	232	91727	56.146	ng		97
60) Diethylphthalate	15.52	149	353494	51.516	ng		97
61) 4-Chlorophenyl-phenylether	15.74	204	163950	48.020	ng		96
62) 4-Nitroaniline	15.80	138	79648	49.694	ng		91
63) Azobenzene	16.04	77	320108	52.175	ng		94
65) 4,6-Dinitro-2-methylphenol	15.84	198	63910	50.938	ng		89
66) n-Nitrosodiphenylamine	15.97	169	288013	47.994	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	105772	48.581	ng		95
68) Hexachlorobenzene	16.76	284	110083	48.984	ng		98
69) Atrazine	16.91	200	114053	51.556	ng		99
70) Pentachlorophenol	17.11	266	139752	91.563	ng		95
71) Phenanthrene	17.51	178	534445	52.624	ng		99
72) Anthracene	17.60	178	545815	54.521	ng		100
73) Carbazole	17.87	167	498493	49.630	ng		98
74) Di-n-butylphthalate	18.40	149	607513	53.882	ng		99
75) Fluoranthene	19.51	202	657366	56.732	ng		99
77) Benzidine	19.69	184	181001	27.452	ng		99
78) Pyrene	19.87	202	651743	53.051	ng		98
80) Butylbenzylphthalate	20.74	149	281166	52.334	ng		100
81) Benzo(a)anthracene	21.73	228	617724	54.401	ng		99
82) 3,3'-Dichlorobenzidine	21.64	252	105822	23.924	ng		96
83) Chrysene	21.80	228	566922	52.182	ng		97
84) Bis(2-ethylhexyl)phthalate	21.59	149	391436	51.090	ng		98
85) Di-n-octyl phthalate	22.83	149	671215	54.151	ng		96
86) Indeno(1,2,3-cd)pyrene	28.86	276	686847	56.922	ng		100
88) Benzo(b)fluoranthene	24.00	252	612975	55.143	ng		99
89) Benzo(k)fluoranthene	24.07	252	583597	53.205	ng		100
90) Benzo(a)pyrene	24.90	252	589168	55.459	ng		98
91) Dibenzo(a,h)anthracene	28.93	278	564219	55.198	ng		99
92) Benzo(g,h,i)perylene	30.06	276	574769	56.552	ng		96

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

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