Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010319\
Data File : BG038921.D
Acq On : 4 Jan 2019 2:33
Operator : JU/SJ
Sample : PB116135BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116135BS

Manual Integrations APPROVED
Sohil
1/4/2019 11:21:16 AM

Quant Time: Jan 04 05:36:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	21456	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	87898	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	64200	20.00	ng		-0.02
64) Phenanthrene-d10	17.43	188	175781	20.00	ng		-0.01
76) Chrysene-d12	21.72	240	183638	20.00	ng		-0.01
87) Perylene-d12	25.01	264	197198	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	134169	110.91	ng		0.00
7) Phenol-d6	7.21	99	188670	113.61	ng		0.00
23) Nitrobenzene-d5	9.22	82	106176	61.71	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	108142	122.22	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	314173	67.13	ng		-0.02
79) Terphenyl-d14	20.04	244	646669	76.64	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	12801	22.737	ng	#	88
3) Pyridine	3.88	79	35915	23.169	ng		99
4) n-Nitrosodimethylamine	3.81	42	22440	29.545	ng		94
6) Aniline	7.37	93	23256	10.970	ng		98
8) 2-Chlorophenol	7.61	128	48650	34.752	ng		93
9) Benzaldehyde	7.19	77	18868	17.514	ng		92
10) Phenol	7.23	94	60856	34.493	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	39975	28.458	ng		93
12) 1,3-Dichlorobenzene	7.93	146	50090	30.262	ng		94
13) 1,4-Dichlorobenzene	8.08	146	51297	30.260	ng		93
14) 1,2-Dichlorobenzene	8.40	146	47734	29.868	ng		99
15) Benzyl Alcohol	8.29	79	43307	33.410	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	78920	24.526	ng		96
17) 2-Methylphenol	8.49	107	41258	34.903	ng		94
18) Hexachloroethane	9.12	117	18253	29.466	ng		91
19) n-Nitroso-di-n-propylamine	8.85	70	33329	28.575	ng		97
20) 3+4-Methylphenols	8.82	107	58484	35.825	ng		96
22) Acetophenone	8.88	105	67306	30.656	ng	#	96
24) Nitrobenzene	9.27	77	53006	30.453	ng		99
25) Isophorone	9.78	82	96612	31.253	ng		97
26) 2-Nitrophenol	9.98	139	28555	32.054	ng		90
27) 2,4-Dimethylphenol	10.02	122	50329	39.420	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	56016	32.109	ng		99
29) 2,4-Dichlorophenol	10.51	162	57545	40.515	ng		94
30) 1,2,4-Trichlorobenzene	10.72	180	55889	32.576	ng		97
31) Naphthalene	10.92	128	150330	34.712	ng		98
33) 4-Chloroaniline	11.03	127	22104	11.756	ng		98
34) Hexachlorobutadiene	11.17	225	37499	32.302	ng		97
35) Caprolactam	11.81	113	19590	33.327	ng	#	91
36) 4-Chloro-3-methylphenol	12.14	107	59381	36.636	ng		92
37) 2-Methylnaphthalene	12.51	142	114605	37.093	ng		99
38) 1-Methylnaphthalene	12.73	142	112982	37.684	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	73872	30.783	ng		98
41) Hexachlorocyclopentadiene	12.84	237	80489	61.049	ng		93

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.12	196	53287	36.114	ng		95
44) 2,4,5-Trichlorophenol	13.20	196	57875	37.046	ng		95
46) 1,1'-Biphenyl	13.52	154	159987	29.726	ng		99
47) 2-Chloronaphthalene	13.57	162	127956	30.778	ng		99
48) 2-Nitroaniline	13.78	65	42004	31.720	ng		88
49) Acenaphthylene	14.41	152	216990	34.914	ng		99
50) Dimethylphthalate	14.14	163	180865	34.498	ng		98
51) 2,6-Dinitrotoluene	14.27	165	40911	34.434	ng		89
52) Acenaphthene	14.75	154	122216	32.886	ng		97
53) 3-Nitroaniline	14.60	138	21856	18.046	ng		93
54) 2,4-Dinitrophenol	14.83	184	350	5.644	ng	#	54
55) Dibenzofuran	15.08	168	215611	33.845	ng		96
56) 4-Nitrophenol	14.91	139	42627	46.394	ng		97
57) 2,4-Dinitrotoluene	15.05	165	58596	35.016	ng		95
58) Fluorene	15.73	166	175840	37.256	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	46213m	32.879	ng		
60) Diethylphthalate	15.49	149	187764	32.624	ng		97
61) 4-Chlorophenyl-phenylether	15.72	204	101547	34.483	ng		95
62) 4-Nitroaniline	15.77	138	42478	34.068	ng		96
63) Azobenzene	16.01	77	149248	31.041	ng		94
65) 4,6-Dinitro-2-methylphenol	15.82	198	3760	2.999	ng		86
66) n-Nitrosodiphenylamine	15.93	169	167870	32.503	ng		96
67) 4-Bromophenyl-phenylether	16.62	248	69435	32.344	ng		95
68) Hexachlorobenzene	16.73	284	73799	33.162	ng		95
69) Atrazine	16.88	200	70554	36.810	ng		98
70) Pentachlorophenol	17.08	266	16558	12.579	ng	#	78
71) Phenanthrene	17.47	178	321497	35.270	ng		99
72) Anthracene	17.57	178	326707	36.306	ng		99
73) Carbazole	17.84	167	286623	32.206	ng		99
74) Di-n-butylphthalate	18.37	149	336649	32.966	ng		99
75) Fluoranthene	19.48	202	404390	35.856	ng		97
77) Benzidine	19.67	184	97077	17.875	ng		99
78) Pyrene	19.85	202	407007	33.549	ng		99
80) Butylbenzylphthalate	20.72	149	149330	31.506	ng		93
81) Benzo(a)anthracene	21.69	228	387674	34.645	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	67279	15.160	ng		98
83) Chrysene	21.76	228	357324	33.153	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	211309	31.435	ng		97
85) Di-n-octyl phthalate	22.78	149	359977	31.975	ng		97
86) Indeno(1,2,3-cd)pyrene	28.78	276	442014	34.883	ng	#	94
88) Benzo(b)fluoranthene	23.95	252	386312	35.681	ng		99
89) Benzo(k)fluoranthene	24.02	252	379551	35.204	ng		96
90) Benzo(a)pyrene	24.85	252	379373	36.320	ng		99
91) Dibenzo(a,h)anthracene	28.83	278	367847	35.370	ng		99
92) Benzo(g,h,i)perylene	29.97	276	367776	35.883	ng		96

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

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