Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010219\
Data File : BG038894.D
Acq On : 2 Jan 2019 16:20
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
1/3/2019 11:16:09 AM

Quant Time: Jan 03 01:13:39 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	8.05	152	25760	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	110712	20.00	ng		-0.01
39) Acenaphthene-d10	14.69	164	77527	20.00	ng		-0.01
64) Phenanthrene-d10	17.44	188	190670	20.00	ng		0.00
76) Chrysene-d12	21.71	240	186190	20.00	ng		-0.01
87) Perylene-d12	25.00	264	198053	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	115997	79.87	ng		0.00
7) Phenol-d6	7.21	99	162241	81.37	ng		0.00
23) Nitrobenzene-d5	9.23	82	160856	74.23	ng		-0.01
42) 2,4,6-Tribromophenol	16.18	330	101243	94.76	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	439002	77.68	ng		-0.01
79) Terphenyl-d14	20.03	244	672132	78.56	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	23285	34.448	ng		92
3) Pyridine	3.89	79	63834	34.300	ng		97
4) n-Nitrosodimethylamine	3.82	42	30512	33.461	ng		97
6) Aniline	7.38	93	101200	39.761	ng		97
8) 2-Chlorophenol	7.61	128	67465	40.140	ng		96
9) Benzaldehyde	7.19	77	46283	35.783	ng		96
10) Phenol	7.24	94	85424	40.328	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	61148	36.258	ng		97
12) 1,3-Dichlorobenzene	7.93	146	78102	39.301	ng		99
13) 1,4-Dichlorobenzene	8.08	146	79540	39.081	ng		97
14) 1,2-Dichlorobenzene	8.40	146	77342	40.308	ng		98
15) Benzyl Alcohol	8.29	79	65980	42.397	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	125206	32.410	ng		98
17) 2-Methylphenol	8.49	107	59381	41.841	ng		98
18) Hexachloroethane	9.12	117	27399	36.841	ng		93
19) n-Nitroso-di-n-propylamine	8.85	70	55030	39.297	ng		95
20) 3+4-Methylphenols	8.82	107	83076	42.386	ng		95
22) Acetophenone	8.88	105	108032	39.066	ng		95
24) Nitrobenzene	9.27	77	80310	36.632	ng		97
25) Isophorone	9.78	82	140799	36.161	ng		98
26) 2-Nitrophenol	9.98	139	45662	40.694	ng		92
27) 2,4-Dimethylphenol	10.03	122	61360	38.156	ng		94
28) bis(2-Chloroethoxy)methane	10.26	93	82519	37.554	ng		100
29) 2,4-Dichlorophenol	10.51	162	81991	45.830	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	89637	41.480	ng		98
31) Naphthalene	10.91	128	216032	39.603	ng		98
32) Benzoic acid	10.13	122	9151m	17.226	ng		
33) 4-Chloroaniline	11.03	127	99115	41.852	ng		96
34) Hexachlorobutadiene	11.18	225	61089	41.779	ng		93
35) Caprolactam	11.82	113	30357	41.003	ng	#	85
36) 4-Chloro-3-methylphenol	12.15	107	83090	40.699	ng		90
37) 2-Methylnaphthalene	12.52	142	158595	40.753	ng		98
38) 1-Methylnaphthalene	12.74	142	154604	40.941	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	112923	38.967	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	83641	52.535	ng		94
43) 2,4,6-Trichlorophenol	13.12	196	81109	45.520	ng		99
44) 2,4,5-Trichlorophenol	13.21	196	82647	43.808	ng		97
46) 1,1'-Biphenyl	13.52	154	248379	38.217	ng		99
47) 2-Chloronaphthalene	13.57	162	192430	38.330	ng		98
48) 2-Nitroaniline	13.78	65	57964	36.248	ng		90
49) Acenaphthylene	14.41	152	291171	38.796	ng		99
50) Dimethylphthalate	14.13	163	246657	38.959	ng		99
51) 2,6-Dinitrotoluene	14.27	165	55434	38.637	ng		89
52) Acenaphthene	14.75	154	173672	38.698	ng		98
53) 3-Nitroaniline	14.61	138	57366	39.223	ng		96
54) 2,4-Dinitrophenol	14.82	184	40092	49.104	ng		96
55) Dibenzofuran	15.09	168	300312	39.038	ng		96
56) 4-Nitrophenol	14.92	139	39204	35.334	ng		96
57) 2,4-Dinitrotoluene	15.06	165	77627	38.415	ng		92
58) Fluorene	15.73	166	223480	39.210	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	75772	44.642	ng		96
60) Diethylphthalate	15.49	149	260762	37.519	ng		96
61) 4-Chlorophenyl-phenylether	15.72	204	143755	40.425	ng		97
62) 4-Nitroaniline	15.77	138	58274	38.702	ng		99
63) Azobenzene	16.01	77	205815	35.448	ng		96
65) 4,6-Dinitro-2-methylphenol	15.82	198	45222	33.248	ng		88
66) n-Nitrosodiphenylamine	15.94	169	223010	39.807	ng		97
67) 4-Bromophenyl-phenylether	16.61	248	95807	41.143	ng		97
68) Hexachlorobenzene	16.73	284	99370	41.166	ng		93
69) Atrazine	16.88	200	79098	38.045	ng		97
70) Pentachlorophenol	17.08	266	63421	44.419	ng		97
71) Phenanthrene	17.48	178	384694	38.907	ng		100
72) Anthracene	17.57	178	385639	39.508	ng		98
73) Carbazole	17.85	167	378259	39.184	ng		98
74) Di-n-butylphthalate	18.38	149	422964	38.184	ng		99
75) Fluoranthene	19.49	202	453306	37.054	ng		96
77) Benzidine	19.67	184	186332	33.839	ng		99
78) Pyrene	19.85	202	468243	38.068	ng		99
80) Butylbenzylphthalate	20.71	149	179538	37.360	ng		98
81) Benzo(a)anthracene	21.70	228	441709	38.933	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	179091	39.801	ng	#	98
83) Chrysene	21.76	228	417572	38.211	ng		100
84) Bis(2-ethylhexyl)phthalate	21.56	149	255510	37.489	ng		99
85) Di-n-octyl phthalate	22.78	149	412515	36.140	ng	#	98
86) Indeno(1,2,3-cd)pyrene	28.78	276	484740	37.730	ng	#	76
88) Benzo(b)fluoranthene	23.95	252	424160	39.007	ng		99
89) Benzo(k)fluoranthene	24.02	252	415301m	38.354	ng		
90) Benzo(a)pyrene	24.85	252	409616	39.046	ng	#	97
91) Dibenzo(a,h)anthracene	28.85	278	406635	38.931	ng		98
92) Benzo(g,h,i)perylene	29.98	276	399996	38.858	ng	#	94

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

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