Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038673.D
Acq On : 17 Dec 2018 22:20
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/18/2018 5:37:09 PM

Quant Time: Dec 18 03:41:12 2018
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	8.06	152	27066	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	115598	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	77801	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	193112	20.00	ng		0.00
76) Chrysene-d12	21.73	240	193234	20.00	ng		0.00
87) Perylene-d12	25.03	264	212963	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	126671	83.01	ng		0.00
7) Phenol-d6	7.21	99	176575	84.29	ng		0.00
23) Nitrobenzene-d5	9.24	82	185674	82.06	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	90205	84.13	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	440639	77.70	ng		0.00
79) Terphenyl-d14	20.05	244	717160	80.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	26907	37.886	ng		92
3) Pyridine	3.90	79	76620	39.184	ng		89
4) n-Nitrosodimethylamine	3.82	42	44965	46.931	ng	#	78
6) Aniline	7.39	93	110131	41.182	ng		99
8) 2-Chlorophenol	7.62	128	72729	41.184	ng		97
9) Benzaldehyde	7.20	77	53514	39.378	ng		97
10) Phenol	7.24	94	93857	42.171	ng		96
11) bis(2-Chloroethyl)ether	7.48	93	69872	39.432	ng		97
12) 1,3-Dichlorobenzene	7.95	146	85619	41.005	ng		99
13) 1,4-Dichlorobenzene	8.09	146	88073	41.185	ng		95
14) 1,2-Dichlorobenzene	8.41	146	81479	40.415	ng		99
15) Benzyl Alcohol	8.30	79	74293	45.435	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	166560	41.034	ng		99
17) 2-Methylphenol	8.50	107	62823	42.131	ng		98
18) Hexachloroethane	9.14	117	31356	40.127	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	61128	41.546	ng		91
20) 3+4-Methylphenols	8.83	107	88573	43.010	ng		98
22) Acetophenone	8.89	105	114670	39.714	ng	#	97
24) Nitrobenzene	9.28	77	94410	41.244	ng		97
25) Isophorone	9.79	82	152078	37.407	ng		99
26) 2-Nitrophenol	9.99	139	46598	39.773	ng		96
27) 2,4-Dimethylphenol	10.03	122	68453	40.768	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	90427	39.414	ng		99
29) 2,4-Dichlorophenol	10.52	162	81002	43.364	ng		99
30) 1,2,4-Trichlorobenzene	10.74	180	91460	40.535	ng		97
31) Naphthalene	10.93	128	225254	39.549	ng		98
32) Benzoic acid	10.20	122	40172m	39.854	ng		
33) 4-Chloroaniline	11.04	127	105166	42.530	ng		97
34) Hexachlorobutadiene	11.19	225	63290	41.455	ng		96
35) Caprolactam	11.84	113	30793	39.834	ng		90
36) 4-Chloro-3-methylphenol	12.15	107	89149	41.822	ng		96
37) 2-Methylnaphthalene	12.52	142	164265	40.426	ng		98
38) 1-Methylnaphthalene	12.75	142	160198	40.629	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	115672	39.775	ng		100

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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	12.85	237	53782	33.661	ng		96
43) 2,4,6-Trichlorophenol	13.14	196	73290	40.987	ng		99
44) 2,4,5-Trichlorophenol	13.21	196	80561	42.552	ng		97
46) 1,1'-Biphenyl	13.53	154	253403	38.852	ng		99
47) 2-Chloronaphthalene	13.58	162	195482	38.801	ng		97
48) 2-Nitroaniline	13.79	65	68772	42.855	ng		97
49) Acenaphthylene	14.42	152	296385	39.352	ng		99
50) Dimethylphthalate	14.15	163	253692	39.930	ng		99
51) 2,6-Dinitrotoluene	14.28	165	57240	39.755	ng		93
52) Acenaphthene	14.76	154	177284	39.364	ng		99
53) 3-Nitroaniline	14.62	138	62520	42.597	ng		96
54) 2,4-Dinitrophenol	14.82	184	25214	32.707	ng		89
55) Dibenzofuran	15.09	168	304260	39.412	ng		99
56) 4-Nitrophenol	14.92	139	44247	39.739	ng		94
57) 2,4-Dinitrotoluene	15.07	165	81781	40.328	ng		98
58) Fluorene	15.74	166	229921	40.199	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	68552	40.246	ng		99
60) Diethylphthalate	15.50	149	270334	38.759	ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	144793	40.573	ng		99
62) 4-Nitroaniline	15.79	138	64336	42.578	ng		96
63) Azobenzene	16.03	77	234366	40.223	ng		97
65) 4,6-Dinitro-2-methylphenol	15.83	198	51229	37.188	ng		98
66) n-Nitrosodiphenylamine	15.95	169	228685	40.304	ng		99
67) 4-Bromophenyl-phenylether	16.63	248	93166	39.503	ng		93
68) Hexachlorobenzene	16.74	284	98873	40.442	ng		99
69) Atrazine	16.89	200	87751	41.673	ng		98
70) Pentachlorophenol	17.09	266	59680	41.271	ng		97
71) Phenanthrene	17.49	178	400758	40.019	ng		99
72) Anthracene	17.58	178	401279	40.590	ng		99
73) Carbazole	17.85	167	396313	40.535	ng		99
74) Di-n-butylphthalate	18.38	149	453839	40.454	ng		99
75) Fluoranthene	19.50	202	492941	39.785	ng		95
77) Benzidine	19.68	184	201297	35.224	ng		98
78) Pyrene	19.86	202	499865	39.157	ng		100
80) Butylbenzylphthalate	20.73	149	202562	40.615	ng		100
81) Benzo(a)anthracene	21.71	228	478759	40.660	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	194837	41.722	ng		98
83) Chrysene	21.78	228	454523	40.077	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	285415	40.350	ng		99
85) Di-n-octyl phthalate	22.80	149	480704	40.579	ng		98
86) Indeno(1,2,3-cd)pyrene	28.82	276	550535	41.289	ng	#	74
88) Benzo(b)fluoranthene	23.97	252	480222	41.071	ng		100
89) Benzo(k)fluoranthene	24.04	252	461566	39.642	ng		97
90) Benzo(a)pyrene	24.87	252	461950	40.952	ng		98
91) Dibenzo(a,h)anthracene	28.88	278	460837	41.031	ng		99
92) Benzo(g,h,i)perylene	30.01	276	448542	40.524	ng		98

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

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