Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041519\
Data File : BG040477.D
Acq On : 15 Apr 2019 12:57
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/16/2019 5:23:32 PM

Quant Time: Apr 16 05:44:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 13 00:33:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	51110	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	216137	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	143093	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	391082	20.00	ng		0.00
76) Chrysene-d12	21.70	240	422416	20.00	ng		0.00
87) Perylene-d12	24.98	264	433225	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	253631	82.50	ng		0.00
7) Phenol-d6	7.20	99	353468	83.19	ng		0.00
23) Nitrobenzene-d5	9.22	82	334612	82.29	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	146726	94.88	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	779753	80.75	ng		0.00
79) Terphenyl-d14	20.02	244	1414831	75.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	57609	39.850	ng		98
3) Pyridine	3.90	79	160394	41.208	ng		99
4) n-Nitrosodimethylamine	3.82	42	69330	38.506	ng	#	90
6) Aniline	7.37	93	217905	39.474	ng		99
8) 2-Chlorophenol	7.61	128	144973	40.282	ng		97
9) Benzaldehyde	7.19	77	119800	41.104	ng		97
10) Phenol	7.23	94	190057	41.210	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	145730	39.452	ng		98
12) 1,3-Dichlorobenzene	7.93	146	158115	40.415	ng		98
13) 1,4-Dichlorobenzene	8.08	146	158948	40.792	ng		97
14) 1,2-Dichlorobenzene	8.40	146	154002	41.329	ng		97
15) Benzyl Alcohol	8.29	79	132900	38.839	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.56	45	284396	40.117	ng		95
17) 2-Methylphenol	8.48	107	127388	39.917	ng		99
18) Hexachloroethane	9.12	117	58814	39.681	ng		100
19) n-Nitroso-di-n-propylamine	8.85	70	114811	37.688	ng		97
20) 3+4-Methylphenols	8.81	107	167812	38.816	ng		97
22) Acetophenone	8.88	105	219635	40.737	ng	#	98
24) Nitrobenzene	9.27	77	173790	41.273	ng		94
25) Isophorone	9.78	82	330269	39.474	ng		99
26) 2-Nitrophenol	9.98	139	82684	41.441	ng		96
27) 2,4-Dimethylphenol	10.02	122	130527	41.185	ng		94
28) bis(2-Chloroethoxy)methane	10.26	93	197777	39.955	ng		99
29) 2,4-Dichlorophenol	10.51	162	146192	42.497	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	156189	41.349	ng		97
31) Naphthalene	10.91	128	459393	41.467	ng		100
32) Benzoic acid	10.17	122	52402m	27.366	ng		
33) 4-Chloroaniline	11.03	127	200746	42.480	ng		98
34) Hexachlorobutadiene	11.17	225	96074	39.770	ng		97
35) Caprolactam	11.82	113	62808	46.008	ng		95
36) 4-Chloro-3-methylphenol	12.14	107	178797	45.211	ng		99
37) 2-Methylnaphthalene	12.51	142	339584	41.445	ng		98
38) 1-Methylnaphthalene	12.73	142	332716	41.876	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	177750	39.083	ng		100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
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	93385	37.396	ng		95
43) 2,4,6-Trichlorophenol	13.11	196	114970	39.209	ng		94
44) 2,4,5-Trichlorophenol	13.19	196	131951	41.285	ng		99
46) 1,1'-Biphenyl	13.51	154	455616	40.298	ng		99
47) 2-Chloronaphthalene	13.56	162	354396	40.864	ng		98
48) 2-Nitroaniline	13.77	65	128131	43.800	ng		95
49) Acenaphthylene	14.41	152	608877	41.408	ng		99
50) Dimethylphthalate	14.13	163	482350	43.071	ng		99
51) 2,6-Dinitrotoluene	14.26	165	111384	44.295	ng		99
52) Acenaphthene	14.74	154	348912	41.410	ng		96
53) 3-Nitroaniline	14.60	138	123344	46.339	ng		92
54) 2,4-Dinitrophenol	14.81	184	45409m	33.955	ng		
55) Dibenzofuran	15.08	168	587171	43.369	ng		99
56) 4-Nitrophenol	14.90	139	129219	60.150	ng		98
57) 2,4-Dinitrotoluene	15.05	165	166441	47.636	ng		97
58) Fluorene	15.72	166	467968	43.963	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	126864	43.742	ng		97
60) Diethylphthalate	15.48	149	523504	45.681	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	248798	43.727	ng		97
62) 4-Nitroaniline	15.76	138	139008	48.663	ng		96
63) Azobenzene	16.00	77	485517	44.915	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	86504	39.371	ng		98
66) n-Nitrosodiphenylamine	15.93	169	447309	39.086	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	171444	38.955	ng		99
68) Hexachlorobenzene	16.72	284	171736	38.810	ng		95
69) Atrazine	16.87	200	159861	37.551	ng		97
70) Pentachlorophenol	17.07	266	124709	48.747	ng		96
71) Phenanthrene	17.47	178	840103	40.869	ng		99
72) Anthracene	17.56	178	846819	41.158	ng		99
73) Carbazole	17.83	167	842594	43.273	ng		99
74) Di-n-butylphthalate	18.36	149	1008684	43.702	ng		99
75) Fluoranthene	19.48	202	1069838	43.952	ng		99
77) Benzidine	19.66	184	593530	38.910	ng		98
78) Pyrene	19.84	202	1093401	39.361	ng		99
80) Butylbenzylphthalate	20.71	149	489039	41.141	ng		98
81) Benzo(a)anthracene	21.68	228	1037768	39.886	ng		98
82) 3,3'-Dichlorobenzidine	21.60	252	400307	40.445	ng		100
83) Chrysene	21.75	228	1005039	40.193	ng		100
84) Bis(2-ethylhexyl)phthalate	21.55	149	694038	40.845	ng		99
85) Di-n-octyl phthalate	22.77	149	1166516	40.294	ng		100
86) Indeno(1,2,3-cd)pyrene	28.74	276	1185551	38.765	ng	#	88
88) Benzo(b)fluoranthene	23.93	252	1059477	39.944	ng		98
89) Benzo(k)fluoranthene	24.00	252	1016290	41.666	ng		99
90) Benzo(a)pyrene	24.83	252	1015957	40.824	ng		99
91) Dibenzo(a,h)anthracene	28.82	278	943700	40.830	ng		99
92) Benzo(g,h,i)perylene	29.94	276	950740	40.025	ng		99

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

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