Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012319\
Data File : BG039274.D
Acq On : 23 Jan 2019 22:05
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Sohil
1/24/2019 12:16:17 PM

Quant Time: Jan 24 00:51:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	17468	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	74966	20.00	ng		-0.01
39) Acenaphthene-d10	14.65	164	50869	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	122329	20.00	ng		0.00
76) Chrysene-d12	21.67	240	128509	20.00	ng		-0.01
87) Perylene-d12	24.93	264	137534	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	78293	85.02	ng		0.00
7) Phenol-d6	7.17	99	113903	85.95	ng		0.00
23) Nitrobenzene-d5	9.19	82	103563	75.59	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	63066	73.96	ng		-0.01
45) 2-Fluorobiphenyl	13.27	172	303984	81.78	ng		0.00
79) Terphenyl-d14	20.00	244	551150	79.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	15398	42.701	ng		98
3) Pyridine	3.85	79	40256	41.085	ng		90
4) n-Nitrosodimethylamine	3.77	42	20152	45.705	ng		92
6) Aniline	7.34	93	65375	41.077	ng		98
8) 2-Chlorophenol	7.57	128	44079	40.608	ng		97
9) Benzaldehyde	7.15	77	29272	38.302	ng		99
10) Phenol	7.19	94	57946	43.614	ng		97
11) bis(2-Chloroethyl)ether	7.43	93	40401	39.786	ng		98
12) 1,3-Dichlorobenzene	7.89	146	50423	38.771	ng		96
13) 1,4-Dichlorobenzene	8.05	146	51678	39.235	ng		99
14) 1,2-Dichlorobenzene	8.36	146	49865	39.707	ng		99
15) Benzyl Alcohol	8.25	79	42006	42.091	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	80358	41.270	ng		99
17) 2-Methylphenol	8.45	107	38241	41.451	ng		94
18) Hexachloroethane	9.08	117	17332	38.733	ng		87
19) n-Nitroso-di-n-propylamine	8.82	70	33836	38.882	ng		96
20) 3+4-Methylphenols	8.78	107	54307	41.288	ng		99
22) Acetophenone	8.84	105	73006	37.291	ng	#	99
24) Nitrobenzene	9.23	77	51169	36.952	ng		99
25) Isophorone	9.74	82	94181	39.909	ng		98
26) 2-Nitrophenol	9.94	139	31184	41.634	ng		97
27) 2,4-Dimethylphenol	9.99	122	41080	38.984	ng		91
28) bis(2-Chloroethoxy)methane	10.23	93	56430	39.787	ng		99
29) 2,4-Dichlorophenol	10.47	162	55854	42.665	ng		92
30) 1,2,4-Trichlorobenzene	10.68	180	62959	40.026	ng		95
31) Naphthalene	10.87	128	146646	39.003	ng		99
32) Benzoic acid	10.17	122	12162m	24.520	ng		
33) 4-Chloroaniline	10.99	127	64846	38.544	ng		99
34) Hexachlorobutadiene	11.14	225	43618	40.301	ng		98
35) Caprolactam	11.79	113	20169	38.421	ng		95
36) 4-Chloro-3-methylphenol	12.11	107	58243	41.597	ng		92
37) 2-Methylnaphthalene	12.48	142	113357	40.213	ng		98
38) 1-Methylnaphthalene	12.69	142	108573	40.127	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	81558	42.691	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	35422	36.296	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	49507	41.174	ng		99
44) 2,4,5-Trichlorophenol	13.16	196	52863	41.598	ng		99
46) 1,1'-Biphenyl	13.48	154	163294	40.512	ng		98
47) 2-Chloronaphthalene	13.53	162	130253	39.933	ng		99
48) 2-Nitroaniline	13.75	65	38142	41.740	ng		97
49) Acenaphthylene	14.37	152	194194	39.610	ng		99
50) Dimethylphthalate	14.10	163	163896	38.127	ng		99
51) 2,6-Dinitrotoluene	14.24	165	37110	38.613	ng		97
52) Acenaphthene	14.71	154	115014	39.046	ng		94
53) 3-Nitroaniline	14.57	138	35261	36.167	ng		99
54) 2,4-Dinitrophenol	14.79	184	7823	18.085	ng		96
55) Dibenzofuran	15.04	168	206807	39.752	ng		98
56) 4-Nitrophenol	14.88	139	26604	37.925	ng		97
57) 2,4-Dinitrotoluene	15.03	165	52572	38.128	ng	#	93
58) Fluorene	15.70	166	155385	39.680	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	45293	37.757	ng		98
60) Diethylphthalate	15.46	149	168636	38.076	ng		100
61) 4-Chlorophenyl-phenylether	15.68	204	101425	41.112	ng		96
62) 4-Nitroaniline	15.74	138	39637	39.027	ng		96
63) Azobenzene	15.98	77	135138	39.017	ng		97
65) 4,6-Dinitro-2-methylphenol	15.78	198	24645	27.193	ng		99
66) n-Nitrosodiphenylamine	15.90	169	150456	41.489	ng		100
67) 4-Bromophenyl-phenylether	16.58	248	63809	40.578	ng		97
68) Hexachlorobenzene	16.69	284	66739	38.895	ng		96
69) Atrazine	16.85	200	58364	37.885	ng		96
70) Pentachlorophenol	17.05	266	30924	32.854	ng		92
71) Phenanthrene	17.44	178	258898	40.040	ng		98
72) Anthracene	17.54	178	257782	40.322	ng		99
73) Carbazole	17.81	167	246414	39.044	ng		99
74) Di-n-butylphthalate	18.33	149	275578	39.251	ng		99
75) Fluoranthene	19.45	202	317584	39.620	ng		99
77) Benzidine	19.63	184	118123	30.052	ng		99
78) Pyrene	19.81	202	337674	41.231	ng		99
80) Butylbenzylphthalate	20.68	149	124440	39.951	ng		98
81) Benzo(a)anthracene	21.65	228	315797	40.368	ng		98
82) 3,3'-Dichlorobenzidine	21.57	252	123456	38.732	ng		95
83) Chrysene	21.72	228	298013	40.054	ng		100
84) Bis(2-ethylhexyl)phthalate	21.52	149	172148	39.803	ng		96
85) Di-n-octyl phthalate	22.73	149	297600	40.693	ng		99
86) Indeno(1,2,3-cd)pyrene	28.66	276	358395	40.312	ng	#	97
88) Benzo(b)fluoranthene	23.89	252	313597	41.352	ng		100
89) Benzo(k)fluoranthene	23.96	252	305070	40.686	ng		99
90) Benzo(a)pyrene	24.78	252	292488	39.902	ng		98
91) Dibenzo(a,h)anthracene	28.72	278	293085	40.198	ng		100
92) Benzo(g,h,i)perylene	29.84	276	283416	39.265	ng		97

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

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