Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
Data File : BG040148.D
Acq On : 26 Mar 2019 15:36
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
3/27/2019 5:30:20 PM

Quant Time: Mar 27 01:31:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	49045	20.00	ng		-0.03
21) Naphthalene-d8	10.96	136	220215	20.00	ng		-0.03
39) Acenaphthene-d10	14.77	164	149312	20.00	ng		-0.02
64) Phenanthrene-d10	17.51	188	355844	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	340733	20.00	ng		-0.03
87) Perylene-d12	25.15	264	348641	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	225220	78.34	ng		-0.02
7) Phenol-d6	7.29	99	347392	81.04	ng		-0.02
23) Nitrobenzene-d5	9.32	82	343226	84.30	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	147675	84.85	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	820946	78.28	ng		-0.02
79) Terphenyl-d14	20.11	244	1216663	78.62	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	47922	36.107	ng		90
3) Pyridine	3.99	79	134865	37.956	ng		95
4) n-Nitrosodimethylamine	3.90	42	67613	40.111	ng		87
6) Aniline	7.47	93	218860	38.971	ng		96
8) 2-Chlorophenol	7.70	128	138694	39.766	ng		96
9) Benzaldehyde	7.28	77	107500	38.878	ng		97
10) Phenol	7.32	94	184872	39.811	ng		97
11) bis(2-Chloroethyl)ether	7.56	93	142661	39.403	ng		95
12) 1,3-Dichlorobenzene	8.03	146	153446	38.901	ng		97
13) 1,4-Dichlorobenzene	8.17	146	157618	39.229	ng		98
14) 1,2-Dichlorobenzene	8.49	146	150479	38.763	ng		98
15) Benzyl Alcohol	8.38	79	138338	40.684	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.66	45	266568	36.813	ng		98
17) 2-Methylphenol	8.57	107	118137	39.898	ng		96
18) Hexachloroethane	9.22	117	57207	39.681	ng		95
19) n-Nitroso-di-n-propylamine	8.94	70	118021	38.252	ng		89
20) 3+4-Methylphenols	8.90	107	164914	40.091	ng		98
22) Acetophenone	8.97	105	235945	39.920	ng	#	94
24) Nitrobenzene	9.36	77	176176	41.244	ng		97
25) Isophorone	9.87	82	337896	39.605	ng		99
26) 2-Nitrophenol	10.07	139	89928	43.604	ng		96
27) 2,4-Dimethylphenol	10.11	122	132530	41.318	ng		95
28) bis(2-Chloroethoxy)methane	10.35	93	204550	39.453	ng		97
29) 2,4-Dichlorophenol	10.60	162	152297	42.172	ng		96
30) 1,2,4-Trichlorobenzene	10.82	180	165933	40.833	ng		93
31) Naphthalene	11.01	128	459483	39.409	ng		97
32) Benzoic acid	10.27	122	71306	34.525	ng		95
33) 4-Chloroaniline	11.12	127	203620	41.185	ng		97
34) Hexachlorobutadiene	11.27	225	115342	41.536	ng		92
35) Caprolactam	11.92	113	54422	39.450	ng		91
36) 4-Chloro-3-methylphenol	12.23	107	168732	40.759	ng		94
37) 2-Methylnaphthalene	12.60	142	347030	39.811	ng		97
38) 1-Methylnaphthalene	12.82	142	336944	39.775	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	209921	41.500	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	116803	43.088	ng		99
43) 2,4,6-Trichlorophenol	13.20	196	123966	41.860	ng		98
44) 2,4,5-Trichlorophenol	13.28	196	138013	41.345	ng		98
46) 1,1'-Biphenyl	13.60	154	490406	39.933	ng		99
47) 2-Chloronaphthalene	13.65	162	369004	39.941	ng		99
48) 2-Nitroaniline	13.86	65	124723	42.008	ng		95
49) Acenaphthylene	14.50	152	586950	38.701	ng		100
50) Dimethylphthalate	14.21	163	485005	38.846	ng		99
51) 2,6-Dinitrotoluene	14.35	165	108541	41.008	ng		94
52) Acenaphthene	14.83	154	359247	39.356	ng		99
53) 3-Nitroaniline	14.68	138	105645	39.707	ng	#	92
54) 2,4-Dinitrophenol	14.88	184	51661	34.173	ng		96
55) Dibenzofuran	15.17	168	581210	38.808	ng		97
56) 4-Nitrophenol	14.98	139	93697	39.367	ng		90
57) 2,4-Dinitrotoluene	15.13	165	154410	41.518	ng		89
58) Fluorene	15.81	166	452666	38.448	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.38	232	132275	40.575	ng		96
60) Diethylphthalate	15.56	149	481566	38.963	ng		98
61) 4-Chlorophenyl-phenylether	15.79	204	249166	39.659	ng		96
62) 4-Nitroaniline	15.85	138	114169	39.581	ng		95
63) Azobenzene	16.09	77	433475	38.690	ng		97
65) 4,6-Dinitro-2-methylphenol	15.89	198	80816	38.411	ng		99
66) n-Nitrosodiphenylamine	16.01	169	413127	40.103	ng		99
67) 4-Bromophenyl-phenylether	16.69	248	164522	41.305	ng		96
68) Hexachlorobenzene	16.80	284	168829	40.891	ng		96
69) Atrazine	16.95	200	135101	33.322	ng		96
70) Pentachlorophenol	17.15	266	95033	36.446	ng		96
71) Phenanthrene	17.56	178	748255	38.176	ng		99
72) Anthracene	17.64	178	742151	38.856	ng		99
73) Carbazole	17.92	167	659054	38.275	ng		99
74) Di-n-butylphthalate	18.44	149	783128	38.655	ng		98
75) Fluoranthene	19.55	202	877453	37.880	ng		99
77) Benzidine	19.74	184	320663	29.657	ng		98
78) Pyrene	19.92	202	876818	39.601	ng		99
80) Butylbenzylphthalate	20.78	149	356839	41.599	ng		96
81) Benzo(a)anthracene	21.78	228	846817	39.655	ng		99
82) 3,3'-Dichlorobenzidine	21.69	252	305336	39.163	ng		97
83) Chrysene	21.85	228	818238	39.523	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	491720	40.793	ng	#	98
85) Di-n-octyl phthalate	22.89	149	834021	41.787	ng		94
86) Indeno(1,2,3-cd)pyrene	29.02	276	933751	39.757	ng	#	93
88) Benzo(b)fluoranthene	24.08	252	845704m	40.678	ng		
89) Benzo(k)fluoranthene	24.15	252	747990	38.651	ng		98
90) Benzo(a)pyrene	25.00	252	789563	41.099	ng		98
91) Dibenzo(a,h)anthracene	29.09	278	736774	39.120	ng		98
92) Benzo(g,h,i)perylene	30.24	276	758818	40.117	ng		96

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

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