Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031419\
Data File : BG039924.D
Acq On : 14 Mar 2019 14:25
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/15/2019 10:12:24 AM

Quant Time: Mar 15 08:15:12 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	8.15	152	42193	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	201378	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	140987	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	333171	20.00	ng		-0.02
76) Chrysene-d12	21.81	240	332859	20.00	ng		-0.02
87) Perylene-d12	25.17	264	345722	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	200034	80.88	ng		-0.02
7) Phenol-d6	7.29	99	303813	82.39	ng		-0.02
23) Nitrobenzene-d5	9.32	82	304143	81.68	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	137266	83.53	ng		-0.02
45) 2-Fluorobiphenyl	13.40	172	747379	75.48	ng		-0.02
79) Terphenyl-d14	20.11	244	1163148	76.94	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	43231	37.862	ng		94
3) Pyridine	3.99	79	122277	40.001	ng		96
4) n-Nitrosodimethylamine	3.91	42	63775	43.979	ng		94
6) Aniline	7.47	93	196720	40.717	ng		99
8) 2-Chlorophenol	7.71	128	123178	41.053	ng		96
9) Benzaldehyde	7.29	77	90660	38.112	ng		97
10) Phenol	7.32	94	163248	40.864	ng		98
11) bis(2-Chloroethyl)ether	7.56	93	130340	41.846	ng		98
12) 1,3-Dichlorobenzene	8.04	146	135974	40.070	ng		97
13) 1,4-Dichlorobenzene	8.18	146	139431	40.338	ng		99
14) 1,2-Dichlorobenzene	8.50	146	133749	40.049	ng		98
15) Benzyl Alcohol	8.38	79	124287	42.487	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	254390	40.836	ng		99
17) 2-Methylphenol	8.58	107	105865	41.559	ng		98
18) Hexachloroethane	9.23	117	52998	42.732	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	109197	41.140	ng		95
20) 3+4-Methylphenols	8.91	107	147128	41.576	ng		97
22) Acetophenone	8.98	105	214185	39.628	ng	#	96
24) Nitrobenzene	9.37	77	157293	40.268	ng		96
25) Isophorone	9.88	82	316074	40.513	ng		99
26) 2-Nitrophenol	10.08	139	79342	42.070	ng		97
27) 2,4-Dimethylphenol	10.12	122	117253	39.975	ng		97
28) bis(2-Chloroethoxy)methane	10.36	93	183807	38.768	ng		95
29) 2,4-Dichlorophenol	10.61	162	137675	41.689	ng		98
30) 1,2,4-Trichlorobenzene	10.83	180	148815	40.046	ng		98
31) Naphthalene	11.02	128	417416	39.149	ng		99
32) Benzoic acid	10.25	122	74942m	38.695	ng		
33) 4-Chloroaniline	11.13	127	183806	40.654	ng		98
34) Hexachlorobutadiene	11.28	225	103496	40.756	ng		95
35) Caprolactam	11.92	113	52695	41.771	ng		96
36) 4-Chloro-3-methylphenol	12.23	107	156475	41.334	ng		98
37) 2-Methylnaphthalene	12.61	142	314559	39.461	ng		99
38) 1-Methylnaphthalene	12.83	142	307101	39.643	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	186385	39.023	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	12.94	237	100093	39.104	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	115585	41.335	ng		97
44) 2,4,5-Trichlorophenol	13.28	196	128880	40.889	ng		100
46) 1,1'-Biphenyl	13.61	154	441017	38.032	ng		100
47) 2-Chloronaphthalene	13.66	162	329916	37.819	ng		98
48) 2-Nitroaniline	13.86	65	117569	41.937	ng		98
49) Acenaphthylene	14.50	152	549543	38.374	ng		100
50) Dimethylphthalate	14.22	163	448833	38.072	ng		99
51) 2,6-Dinitrotoluene	14.35	165	98453	39.393	ng		97
52) Acenaphthene	14.84	154	327788	38.030	ng		99
53) 3-Nitroaniline	14.69	138	99363	39.551	ng	#	95
54) 2,4-Dinitrophenol	14.89	184	60706	41.242	ng		98
55) Dibenzofuran	15.17	168	538373	38.070	ng		98
56) 4-Nitrophenol	14.98	139	85373	37.987	ng		92
57) 2,4-Dinitrotoluene	15.14	165	142705	40.637	ng	#	87
58) Fluorene	15.82	166	427030	38.412	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	123634	40.164	ng		98
60) Diethylphthalate	15.57	149	446071	38.222	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	224950	37.919	ng		98
62) 4-Nitroaniline	15.85	138	109614	40.246	ng		99
63) Azobenzene	16.10	77	408890	38.651	ng		99
65) 4,6-Dinitro-2-methylphenol	15.90	198	72353	36.729	ng		93
66) n-Nitrosodiphenylamine	16.02	169	383975	39.809	ng		98
67) 4-Bromophenyl-phenylether	16.70	248	147135	39.454	ng		95
68) Hexachlorobenzene	16.81	284	155390	40.197	ng		95
69) Atrazine	16.96	200	150783	39.721	ng		98
70) Pentachlorophenol	17.16	266	97682	40.011	ng		96
71) Phenanthrene	17.57	178	704863	38.409	ng		99
72) Anthracene	17.65	178	706163	39.487	ng		99
73) Carbazole	17.92	167	628117	38.960	ng		99
74) Di-n-butylphthalate	18.45	149	748308	39.450	ng		100
75) Fluoranthene	19.56	202	847369	39.071	ng		99
77) Benzidine	19.74	184	494529	46.819	ng		99
78) Pyrene	19.93	202	844626	39.050	ng		99
80) Butylbenzylphthalate	20.79	149	349368	41.692	ng		96
81) Benzo(a)anthracene	21.78	228	824667	39.531	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	310749	40.800	ng		98
83) Chrysene	21.85	228	783214	38.726	ng		100
84) Bis(2-ethylhexyl)phthalate	21.65	149	494071	41.957	ng		99
85) Di-n-octyl phthalate	22.90	149	828997	42.518	ng		96
86) Indeno(1,2,3-cd)pyrene	29.04	276	923460	40.249	ng	#	93
88) Benzo(b)fluoranthene	24.09	252	818695	39.711	ng		99
89) Benzo(k)fluoranthene	24.16	252	747366	38.945	ng		98
90) Benzo(a)pyrene	25.01	252	773721	40.614	ng		98
91) Dibenzo(a,h)anthracene	29.10	278	739390	39.590	ng		99
92) Benzo(g,h,i)perylene	30.27	276	746256	39.786	ng		97

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

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