Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101819\
Data File : BG043279.D
Acq On : 18 Oct 2019 17:28
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/20/2019 8:15:07 PM

Quant Time: Oct 19 01:38:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	44306	20.00	ng		-0.02
21) Naphthalene-d8	10.84	136	183454	20.00	ng		-0.02
39) Acenaphthene-d10	14.66	164	128694	20.00	ng		-0.02
64) Phenanthrene-d10	17.41	188	294963	20.00	ng		-0.01
76) Chrysene-d12	21.68	240	315896	20.00	ng		-0.01
87) Perylene-d12	24.89	264	371307	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	181547	73.13	ng		-0.02
7) Phenol-d6	7.21	99	256875	71.85	ng		-0.02
23) Nitrobenzene-d5	9.20	82	246612	65.34	ng		-0.02
42) 2,4,6-Tribromophenol	16.15	330	163800	74.02	ng		-0.02
45) 2-Fluorobiphenyl	13.29	172	674947	76.03	ng		-0.02
79) Terphenyl-d14	20.02	244	1198151	80.82	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	37002	35.748	ng		85
3) Pyridine	3.91	79	96136	33.022	ng		87
4) n-Nitrosodimethylamine	3.82	42	43963	31.402	ng	#	83
6) Aniline	7.37	93	146788	34.013	ng		98
8) 2-Chlorophenol	7.61	128	95135	36.745	ng		97
9) Benzaldehyde	7.17	77	63368	29.006	ng		83
10) Phenol	7.24	94	118425	36.104	ng		94
11) bis(2-Chloroethyl)ether	7.45	93	91415	36.020	ng		92
12) 1,3-Dichlorobenzene	7.92	146	122109	36.971	ng		96
13) 1,4-Dichlorobenzene	8.07	146	121747	36.977	ng		97
14) 1,2-Dichlorobenzene	8.40	146	116105	37.039	ng		94
15) Benzyl Alcohol	8.28	79	90895	33.816	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	127721	26.205	ng		89
17) 2-Methylphenol	8.49	107	82452	35.925	ng		96
18) Hexachloroethane	9.12	117	44647	36.005	ng		96
19) n-Nitroso-di-n-propylamine	8.84	70	79315	33.786	ng		89
20) 3+4-Methylphenols	8.81	107	111543	35.464	ng		98
22) Acetophenone	8.86	105	165829	35.067	ng	#	94
24) Nitrobenzene	9.24	77	115732	32.146	ng		96
25) Isophorone	9.76	82	224671	33.888	ng		98
26) 2-Nitrophenol	9.95	139	58107	37.914	ng		95
27) 2,4-Dimethylphenol	10.02	122	82440	35.027	ng		93
28) bis(2-Chloroethoxy)methane	10.24	93	126039	33.507	ng		98
29) 2,4-Dichlorophenol	10.50	162	108270	36.988	ng		98
30) 1,2,4-Trichlorobenzene	10.70	180	130283	34.465	ng		99
31) Naphthalene	10.89	128	323612	35.834	ng		98
32) Benzoic acid	10.17	122	46221	28.120	ng		96
33) 4-Chloroaniline	11.00	127	135279	34.521	ng		96
34) Hexachlorobutadiene	11.18	225	96312	34.028	ng		95
35) Caprolactam	11.77	113	36304m	35.169	ng		
36) 4-Chloro-3-methylphenol	12.13	107	106838	33.568	ng		88
37) 2-Methylnaphthalene	12.49	142	242243	35.162	ng		96
38) 1-Methylnaphthalene	12.71	142	233364	35.798	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	169825	35.097	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	91328	29.622	ng		96
43) 2,4,6-Trichlorophenol	13.10	196	100239	35.393	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	100157	34.329	ng		97
46) 1,1'-Biphenyl	13.49	154	349151	35.776	ng		99
47) 2-Chloronaphthalene	13.54	162	266529	36.425	ng		99
48) 2-Nitroaniline	13.75	65	81391	33.449	ng	#	85
49) Acenaphthylene	14.39	152	410590	36.672	ng		97
50) Dimethylphthalate	14.12	163	347195	36.006	ng		99
51) 2,6-Dinitrotoluene	14.24	165	73461	35.774	ng		88
52) Acenaphthene	14.73	154	244521	32.628	ng		99
53) 3-Nitroaniline	14.57	138	74741	35.220	ng		92
54) 2,4-Dinitrophenol	14.78	184	38987	30.545	ng		99
55) Dibenzofuran	15.06	168	399122	36.002	ng		97
56) 4-Nitrophenol	14.89	139	47154	29.163	ng		94
57) 2,4-Dinitrotoluene	15.02	165	105738	35.163	ng		94
58) Fluorene	15.71	166	332598	35.140	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	106703	34.349	ng		97
60) Diethylphthalate	15.47	149	339226	34.568	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	196866	34.681	ng		97
62) 4-Nitroaniline	15.73	138	78932	34.104	ng		97
63) Azobenzene	15.99	77	284395	31.832	ng		98
65) 4,6-Dinitro-2-methylphenol	15.79	198	60773	36.411	ng		96
66) n-Nitrosodiphenylamine	15.92	169	291032	37.376	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	138338	37.368	ng		97
68) Hexachlorobenzene	16.72	284	158853	38.538	ng		97
69) Atrazine	16.86	200	99953	30.484	ng		95
70) Pentachlorophenol	17.06	266	72704	30.567	ng		99
71) Phenanthrene	17.45	178	520640	36.155	ng		98
72) Anthracene	17.54	178	524825	36.507	ng		99
73) Carbazole	17.81	167	477559	35.823	ng		99
74) Di-n-butylphthalate	18.37	149	571847	35.953	ng		99
75) Fluoranthene	19.46	202	680664	35.736	ng		98
77) Benzidine	19.64	184	252531	31.927	ng		100
78) Pyrene	19.82	202	689465	36.567	ng		98
80) Butylbenzylphthalate	20.70	149	260867	36.450	ng		95
81) Benzo(a)anthracene	21.66	228	697785	35.451	ng		97
82) 3,3'-Dichlorobenzidine	21.57	252	273248	35.395	ng		99
83) Chrysene	21.73	228	689194	36.081	ng		98
84) Bis(2-ethylhexyl)phthalate	21.56	149	374502	36.775	ng		98
85) Di-n-octyl phthalate	22.77	149	647660	38.893	ng	#	95
86) Indeno(1,2,3-cd)pyrene	28.55	276	899038	37.808	ng		100
88) Benzo(b)fluoranthene	23.87	252	750874	35.740	ng		99
89) Benzo(k)fluoranthene	23.94	252	736908	35.455	ng		98
90) Benzo(a)pyrene	24.74	252	715205	36.082	ng		98
91) Dibenzo(a,h)anthracene	28.61	278	753027	37.048	ng		99
92) Benzo(g,h,i)perylene	29.69	276	721844	36.653	ng		98

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

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