Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
Data File : BG043501.D
Acq On : 5 Nov 2019 10:46
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
11/6/2019 8:40:58 AM

Quant Time: Nov 06 00:54:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	42425	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	172062	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	122246	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	296379	20.00	ng		0.00
76) Chrysene-d12	21.66	240	318673	20.00	ng		0.00
87) Perylene-d12	24.86	264	386918	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	196120	84.71	ng		0.00
7) Phenol-d6	7.20	99	272750	81.88	ng		0.00
23) Nitrobenzene-d5	9.18	82	261989	78.50	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	185842	79.89	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	702077	79.36	ng		0.00
79) Terphenyl-d14	20.00	244	1343883	79.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	35868	39.755	ng		99
3) Pyridine	3.88	79	97930	43.029	ng		97
4) n-Nitrosodimethylamine	3.79	42	46264	40.285	ng		89
6) Aniline	7.34	93	156790	40.860	ng		98
8) 2-Chlorophenol	7.58	128	104819	41.013	ng		99
9) Benzaldehyde	7.15	77	69977	42.747	ng		90
10) Phenol	7.23	94	125227	41.141	ng		96
11) bis(2-Chloroethyl)ether	7.43	93	94140	40.002	ng		98
12) 1,3-Dichlorobenzene	7.90	146	132278	41.310	ng		96
13) 1,4-Dichlorobenzene	8.05	146	132229	40.815	ng		95
14) 1,2-Dichlorobenzene	8.37	146	127854	40.418	ng		94
15) Benzyl Alcohol	8.25	79	96718	41.343	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.54	45	127765	37.337	ng		96
17) 2-Methylphenol	8.47	107	88935	40.079	ng		94
18) Hexachloroethane	9.09	117	48100	41.151	ng		97
19) n-Nitroso-di-n-propylamine	8.82	70	83616	38.847	ng		96
20) 3+4-Methylphenols	8.80	107	122047	40.110	ng		95
22) Acetophenone	8.84	105	173380	39.348	ng	#	98
24) Nitrobenzene	9.22	77	125462	39.462	ng	#	95
25) Isophorone	9.74	82	236905	38.825	ng		99
26) 2-Nitrophenol	9.93	139	62743	40.877	ng		92
27) 2,4-Dimethylphenol	10.00	122	89939	40.882	ng		95
28) bis(2-Chloroethoxy)methane	10.22	93	134060	39.808	ng		96
29) 2,4-Dichlorophenol	10.48	162	113245	40.176	ng		97
30) 1,2,4-Trichlorobenzene	10.68	180	139690	39.320	ng		96
31) Naphthalene	10.87	128	342577	39.224	ng		98
32) Benzoic acid	10.18	122	61947	38.974	ng		99
33) 4-Chloroaniline	10.98	127	146738	40.987	ng		97
34) Hexachlorobutadiene	11.15	225	103138	39.273	ng		93
35) Caprolactam	11.76	113	40500	41.719	ng		93
36) 4-Chloro-3-methylphenol	12.11	107	121239	39.432	ng		96
37) 2-Methylnaphthalene	12.47	142	262318	39.144	ng		97
38) 1-Methylnaphthalene	12.69	142	247775	38.860	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	181831	40.191	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	96856	40.755	ng	98
43) 2,4,6-Trichlorophenol	13.08	196	106939	40.138	ng	94
44) 2,4,5-Trichlorophenol	13.17	196	107344	39.852	ng	96
46) 1,1'-Biphenyl	13.48	154	372716	40.078	ng	96
47) 2-Chloronaphthalene	13.52	162	280773	39.680	ng	98
48) 2-Nitroaniline	13.73	65	86332	40.822	ng	95
49) Acenaphthylene	14.36	152	439307	39.891	ng	99
50) Dimethylphthalate	14.10	163	379627	40.092	ng	98
51) 2,6-Dinitrotoluene	14.22	165	81856	39.792	ng	96
52) Acenaphthene	14.71	154	270475	40.274	ng	97
53) 3-Nitroaniline	14.56	138	84250	42.420	ng	100
54) 2,4-Dinitrophenol	14.76	184	49523	42.326	ng	94
55) Dibenzofuran	15.04	168	431324	39.604	ng	99
56) 4-Nitrophenol	14.89	139	55795	41.922	ng	92
57) 2,4-Dinitrotoluene	15.01	165	121117	41.199	ng	93
58) Fluorene	15.69	166	366414	40.114	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	112812m	39.420	ng	
60) Diethylphthalate	15.46	149	378998	39.835	ng	99
61) 4-Chlorophenyl-phenylether	15.68	204	212952	39.963	ng	98
62) 4-Nitroaniline	15.72	138	92128	44.916	ng	100
63) Azobenzene	15.97	77	304736	39.576	ng	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	67832	38.890	ng	94
66) n-Nitrosodiphenylamine	15.90	169	320604	38.315	ng	96
67) 4-Bromophenyl-phenylether	16.57	248	153176	38.403	ng	99
68) Hexachlorobenzene	16.70	284	174856	38.191	ng	99
69) Atrazine	16.84	200	106199	36.525	ng	93
70) Pentachlorophenol	17.05	266	74715	35.814	ng	97
71) Phenanthrene	17.43	178	589020	38.810	ng	100
72) Anthracene	17.53	178	592236	39.002	ng	98
73) Carbazole	17.80	167	550321	40.021	ng	99
74) Di-n-butylphthalate	18.35	149	669976	40.155	ng	99
75) Fluoranthene	19.44	202	763407	38.583	ng	98
77) Benzidine	19.62	184	283512	44.206	ng	98
78) Pyrene	19.81	202	777109	39.396	ng	99
80) Butylbenzylphthalate	20.69	149	308172	41.237	ng	99
81) Benzo(a)anthracene	21.64	228	802652	40.210	ng	100
82) 3,3'-Dichlorobenzidine	21.56	252	328824	42.590	ng	99
83) Chrysene	21.71	228	788295	39.746	ng	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	440347	41.480	ng	100
85) Di-n-octyl phthalate	22.74	149	758651	42.123	ng	100
86) Indeno(1,2,3-cd)pyrene	28.51	276	1047394	42.071	ng	99
88) Benzo(b)fluoranthene	23.84	252	859928	39.241	ng	98
89) Benzo(k)fluoranthene	23.91	252	867017	39.301	ng	99
90) Benzo(a)pyrene	24.71	252	827117	39.526	ng	99
91) Dibenzo(a,h)anthracene	28.57	278	861856	40.266	ng	99
92) Benzo(g,h,i)perylene	29.65	276	840497	39.809	ng	98

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

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