Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
Data File : BG043520.D
Acq On : 6 Nov 2019 15:01
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/8/2019 3:29:49 PM

Quant Time: Nov 06 17:54:14 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	31235	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	119457	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	84359	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	206246	20.00	ng		0.00
76) Chrysene-d12	21.66	240	218261	20.00	ng		0.00
87) Perylene-d12	24.85	264	262127	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	138750	81.40	ng		0.00
7) Phenol-d6	7.20	99	192229	78.38	ng		0.00
23) Nitrobenzene-d5	9.17	82	184830	79.77	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	124588	77.61	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	494785	81.05	ng		0.00
79) Terphenyl-d14	20.00	244	948087	81.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	25744	38.757	ng		94
3) Pyridine	3.88	79	72744	43.414	ng		95
4) n-Nitrosodimethylamine	3.79	42	33174	39.235	ng	#	96
6) Aniline	7.34	93	112275	39.742	ng		96
8) 2-Chlorophenol	7.58	128	72814	38.697	ng		98
9) Benzaldehyde	7.15	77	46279	38.398	ng		92
10) Phenol	7.22	94	89391	39.888	ng		94
11) bis(2-Chloroethyl)ether	7.43	93	63794	36.819	ng		98
12) 1,3-Dichlorobenzene	7.90	146	94728	40.181	ng		97
13) 1,4-Dichlorobenzene	8.04	146	93914	39.373	ng		98
14) 1,2-Dichlorobenzene	8.37	146	91632	39.345	ng		97
15) Benzyl Alcohol	8.26	79	64522	37.461	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	91755	36.420	ng		99
17) 2-Methylphenol	8.47	107	63140	38.648	ng		94
18) Hexachloroethane	9.10	117	34164	39.699	ng		94
19) n-Nitroso-di-n-propylamine	8.81	70	59677	37.658	ng		98
20) 3+4-Methylphenols	8.80	107	85108	37.991	ng		95
22) Acetophenone	8.83	105	121507	39.719	ng	#	96
24) Nitrobenzene	9.22	77	86269	39.084	ng		98
25) Isophorone	9.74	82	164130	38.744	ng		97
26) 2-Nitrophenol	9.93	139	44220	41.496	ng	#	94
27) 2,4-Dimethylphenol	10.00	122	60344	39.509	ng		91
28) bis(2-Chloroethoxy)methane	10.22	93	90724	38.803	ng		99
29) 2,4-Dichlorophenol	10.48	162	78720	40.226	ng		94
30) 1,2,4-Trichlorobenzene	10.68	180	97847	39.671	ng		95
31) Naphthalene	10.86	128	244203	40.274	ng		97
32) Benzoic acid	10.16	122	39129m	36.275	ng		
33) 4-Chloroaniline	10.98	127	95932	38.596	ng		98
34) Hexachlorobutadiene	11.15	225	70922	38.898	ng		98
35) Caprolactam	11.75	113	27658	41.036	ng	#	90
36) 4-Chloro-3-methylphenol	12.12	107	82311	38.560	ng		94
37) 2-Methylnaphthalene	12.47	142	179649	38.614	ng		99
38) 1-Methylnaphthalene	12.69	142	173466m	39.186	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	124344	39.828	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	110117	67.144	ng		97
43) 2,4,6-Trichlorophenol	13.09	196	72026	39.175	ng		94
44) 2,4,5-Trichlorophenol	13.17	196	71704	38.576	ng		96
46) 1,1'-Biphenyl	13.48	154	256893	40.030	ng		100
47) 2-Chloronaphthalene	13.52	162	195583	40.054	ng		99
48) 2-Nitroaniline	13.73	65	61035	41.822	ng		99
49) Acenaphthylene	14.37	152	308475	40.591	ng		99
50) Dimethylphthalate	14.10	163	259705	39.746	ng		99
51) 2,6-Dinitrotoluene	14.21	165	56357	39.701	ng		95
52) Acenaphthene	14.71	154	183835	39.667	ng		95
53) 3-Nitroaniline	14.55	138	56152	40.971	ng		95
54) 2,4-Dinitrophenol	14.77	184	25104	33.025	ng		95
55) Dibenzofuran	15.04	168	300653	40.004	ng		97
56) 4-Nitrophenol	14.89	139	35357	38.497	ng		92
57) 2,4-Dinitrotoluene	15.01	165	81765	40.304	ng		98
58) Fluorene	15.69	166	251801	39.947	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	69906	35.398	ng		95
60) Diethylphthalate	15.45	149	262104	39.922	ng		97
61) 4-Chlorophenyl-phenylether	15.68	204	142259	38.686	ng		97
62) 4-Nitroaniline	15.72	138	60225	42.549	ng		94
63) Azobenzene	15.97	77	203851	38.364	ng		96
65) 4,6-Dinitro-2-methylphenol	15.78	198	46796	38.555	ng		93
66) n-Nitrosodiphenylamine	15.89	169	221831	38.097	ng		97
67) 4-Bromophenyl-phenylether	16.58	248	103541	37.304	ng		96
68) Hexachlorobenzene	16.70	284	120074	37.687	ng		98
69) Atrazine	16.84	200	73743	36.447	ng		97
70) Pentachlorophenol	17.05	266	56084	38.632	ng		99
71) Phenanthrene	17.43	178	408903	38.717	ng		99
72) Anthracene	17.52	178	400519	37.904	ng		99
73) Carbazole	17.80	167	382807	40.005	ng		100
74) Di-n-butylphthalate	18.34	149	459507	39.576	ng		99
75) Fluoranthene	19.44	202	519927	37.761	ng		99
77) Benzidine	19.63	184	203906	46.421	ng		98
78) Pyrene	19.81	202	536777	39.732	ng		100
80) Butylbenzylphthalate	20.68	149	207181	40.477	ng		96
81) Benzo(a)anthracene	21.64	228	550787	40.287	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	212434	40.173	ng		99
83) Chrysene	21.70	228	539905	39.746	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	293749	40.401	ng		100
85) Di-n-octyl phthalate	22.74	149	511353	41.454	ng		100
86) Indeno(1,2,3-cd)pyrene	28.51	276	712014	41.757	ng	#	98
88) Benzo(b)fluoranthene	23.84	252	584756	39.388	ng		100
89) Benzo(k)fluoranthene	23.91	252	586558	39.246	ng		100
90) Benzo(a)pyrene	24.71	252	556804	39.275	ng		99
91) Dibenzo(a,h)anthracene	28.56	278	591636	40.800	ng		100
92) Benzo(g,h,i)perylene	29.65	276	565382	39.527	ng		98

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

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