Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041421.D
Acq On : 24 Jun 2019 12:24
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/28/2019 8:24:21 AM

Quant Time: Jun 25 05:19:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	23982	20.00	ng		-0.04
21) Naphthalene-d8	10.87	136	98634	20.00	ng		-0.04
39) Acenaphthene-d10	14.69	164	72606	20.00	ng		-0.03
64) Phenanthrene-d10	17.43	188	196495	20.00	ng		-0.03
76) Chrysene-d12	21.70	240	208586	20.00	ng		-0.04
87) Perylene-d12	24.99	264	219299	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	98806	75.70	ng		-0.04
7) Phenol-d6	7.19	99	147018	77.71	ng		-0.04
23) Nitrobenzene-d5	9.22	82	180273	76.87	ng		-0.04
42) 2,4,6-Tribromophenol	16.18	330	87408	78.42	ng		-0.03
45) 2-Fluorobiphenyl	13.30	172	422098	79.02	ng		-0.03
79) Terphenyl-d14	20.03	244	854072	81.15	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	22737	34.740	ng		98
3) Pyridine	3.84	79	62851	36.199	ng		92
4) n-Nitrosodimethylamine	3.76	42	34755	37.536	ng	#	95
6) Aniline	7.36	93	101807	38.714	ng		98
8) 2-Chlorophenol	7.60	128	59658	38.900	ng		97
9) Benzaldehyde	7.18	77	44689	36.931	ng		97
10) Phenol	7.22	94	75840	37.278	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	58926	38.173	ng		97
12) 1,3-Dichlorobenzene	7.93	146	75550	39.344	ng		94
13) 1,4-Dichlorobenzene	8.08	146	77677	39.601	ng		97
14) 1,2-Dichlorobenzene	8.39	146	74396	39.709	ng		92
15) Benzyl Alcohol	8.29	79	62565	34.516	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	92857	36.746	ng		96
17) 2-Methylphenol	8.49	107	56501	38.846	ng		97
18) Hexachloroethane	9.12	117	30257	38.926	ng		95
19) n-Nitroso-di-n-propylamine	8.85	70	58936	38.516	ng		97
20) 3+4-Methylphenols	8.82	107	78417	40.499	ng		94
22) Acetophenone	8.87	105	109631	38.195	ng		98
24) Nitrobenzene	9.26	77	90290	38.279	ng		99
25) Isophorone	9.78	82	163628	38.029	ng		99
26) 2-Nitrophenol	9.97	139	36795	38.478	ng		93
27) 2,4-Dimethylphenol	10.03	122	53370	37.233	ng		92
28) bis(2-Chloroethoxy)methane	10.26	93	86940	38.779	ng		98
29) 2,4-Dichlorophenol	10.51	162	69821	39.285	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	87015	38.227	ng		93
31) Naphthalene	10.91	128	205404	38.317	ng		97
32) Benzoic acid	10.18	122	36762m	39.397	ng		
33) 4-Chloroaniline	11.03	127	88457	38.854	ng		94
34) Hexachlorobutadiene	11.17	225	69035	38.208	ng		99
35) Caprolactam	11.82	113	24021	39.259	ng	#	81
36) 4-Chloro-3-methylphenol	12.15	107	80613	39.267	ng		98
37) 2-Methylnaphthalene	12.52	142	153322	38.833	ng		100
38) 1-Methylnaphthalene	12.73	142	144692	38.304	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	116842	38.972	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	67001	33.177	ng		100
43) 2,4,6-Trichlorophenol	13.12	196	72944	39.330	ng		99
44) 2,4,5-Trichlorophenol	13.20	196	71414	37.422	ng		99
46) 1,1'-Biphenyl	13.52	154	209538	38.174	ng		98
47) 2-Chloronaphthalene	13.57	162	183453	38.820	ng		99
48) 2-Nitroaniline	13.78	65	65634	37.923	ng		95
49) Acenaphthylene	14.41	152	277533	38.702	ng		98
50) Dimethylphthalate	14.13	163	252312	39.056	ng		99
51) 2,6-Dinitrotoluene	14.27	165	54112	39.725	ng		93
52) Acenaphthene	14.75	154	164474	39.059	ng		95
53) 3-Nitroaniline	14.60	138	53872	40.142	ng		98
54) 2,4-Dinitrophenol	14.81	184	32944	36.444	ng		93
55) Dibenzofuran	15.08	168	287825	39.313	ng		99
56) 4-Nitrophenol	14.91	139	34738	35.919	ng		97
57) 2,4-Dinitrotoluene	15.06	165	79065	39.707	ng		98
58) Fluorene	15.73	166	231699	40.230	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	73998	37.497	ng		96
60) Diethylphthalate	15.48	149	261307	39.795	ng		100
61) 4-Chlorophenyl-phenylether	15.71	204	146112	38.992	ng		98
62) 4-Nitroaniline	15.77	138	57345	39.951	ng		91
63) Azobenzene	16.01	77	223620	38.174	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	49164	38.548	ng		95
66) n-Nitrosodiphenylamine	15.94	169	207390	39.749	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	97878	38.523	ng		96
68) Hexachlorobenzene	16.72	284	106312	39.075	ng		97
69) Atrazine	16.88	200	74568	37.115	ng		97
70) Pentachlorophenol	17.08	266	50762	36.437	ng		97
71) Phenanthrene	17.47	178	413383	39.446	ng		99
72) Anthracene	17.56	178	413098	39.984	ng		100
73) Carbazole	17.84	167	356210	39.413	ng		99
74) Di-n-butylphthalate	18.37	149	451626	40.048	ng		98
75) Fluoranthene	19.48	202	553688	39.769	ng		99
77) Benzidine	19.67	184	222855	44.172	ng		100
78) Pyrene	19.84	202	561701	39.930	ng		99
80) Butylbenzylphthalate	20.71	149	204709	38.473	ng		97
81) Benzo(a)anthracene	21.68	228	552420	39.115	ng		97
82) 3,3'-Dichlorobenzidine	21.60	252	198585	40.055	ng		97
83) Chrysene	21.75	228	533683	39.294	ng		98
84) Bis(2-ethylhexyl)phthalate	21.55	149	285440	39.364	ng		99
85) Di-n-octyl phthalate	22.77	149	486328	39.642	ng		97
86) Indeno(1,2,3-cd)pyrene	28.77	276	614723	38.148	ng	#	96
88) Benzo(b)fluoranthene	23.94	252	539691	39.710	ng		99
89) Benzo(k)fluoranthene	24.01	252	520791	38.682	ng		100
90) Benzo(a)pyrene	24.84	252	503761	39.248	ng		99
91) Dibenzo(a,h)anthracene	28.82	278	499655	38.667	ng		99
92) Benzo(g,h,i)perylene	29.96	276	495848	38.829	ng		96

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

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