Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
Data File : BG041371.D
Acq On : 21 Jun 2019 10:15
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/25/2019 3:20:01 PM

Quant Time: Jun 21 16:06:00 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	8.07	152	26896	20.00	ng		-0.01
21) Naphthalene-d8	10.90	136	112129	20.00	ng		-0.01
39) Acenaphthene-d10	14.71	164	79947	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	207917	20.00	ng		0.00
76) Chrysene-d12	21.74	240	196643	20.00	ng		0.00
87) Perylene-d12	25.07	264	212575	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	114777	78.41	ng		-0.01
7) Phenol-d6	7.22	99	169055	79.68	ng		-0.01
23) Nitrobenzene-d5	9.25	82	210415	78.92	ng		-0.01
42) 2,4,6-Tribromophenol	16.20	330	96561	78.67	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	480228	81.64	ng		0.00
79) Terphenyl-d14	20.06	244	888148	89.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	27822	37.904	ng		99
3) Pyridine	3.87	79	73231	37.608	ng		94
4) n-Nitrosodimethylamine	3.79	42	39633	38.167	ng		88
6) Aniline	7.39	93	116708	39.572	ng		96
8) 2-Chlorophenol	7.63	128	68414	39.776	ng		97
9) Benzaldehyde	7.21	77	50604	37.288	ng		97
10) Phenol	7.25	94	91376	40.048	ng		95
11) bis(2-Chloroethyl)ether	7.49	93	66841	38.609	ng		97
12) 1,3-Dichlorobenzene	7.96	146	85355	39.634	ng		90
13) 1,4-Dichlorobenzene	8.10	146	87691	39.862	ng		96
14) 1,2-Dichlorobenzene	8.42	146	82013	39.032	ng		95
15) Benzyl Alcohol	8.32	79	69123	34.002	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.59	45	104841	36.993	ng		99
17) 2-Methylphenol	8.51	107	65632	40.235	ng		95
18) Hexachloroethane	9.15	117	33704	38.663	ng		99
19) n-Nitroso-di-n-propylamine	8.87	70	67836	39.530	ng		98
20) 3+4-Methylphenols	8.85	107	90367	41.614	ng		94
22) Acetophenone	8.90	105	124378	38.118	ng		95
24) Nitrobenzene	9.30	77	101913	38.007	ng		97
25) Isophorone	9.81	82	187143	38.259	ng		100
26) 2-Nitrophenol	10.01	139	42895	39.458	ng		91
27) 2,4-Dimethylphenol	10.06	122	62296	38.229	ng		96
28) bis(2-Chloroethoxy)methane	10.29	93	98091	38.487	ng		97
29) 2,4-Dichlorophenol	10.54	162	79924	39.557	ng		95
30) 1,2,4-Trichlorobenzene	10.75	180	98951	38.239	ng		98
31) Naphthalene	10.95	128	233126	38.255	ng		100
32) Benzoic acid	10.21	122	45423	42.821	ng	#	82
33) 4-Chloroaniline	11.06	127	102245	39.505	ng		96
34) Hexachlorobutadiene	11.20	225	78041	37.994	ng		96
35) Caprolactam	11.86	113	26641	38.300	ng	#	84
36) 4-Chloro-3-methylphenol	12.18	107	88622	37.973	ng		99
37) 2-Methylnaphthalene	12.55	142	173462	38.647	ng		98
38) 1-Methylnaphthalene	12.76	142	164954	38.412	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	127051	38.486	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	81157	36.497	ng		100
43) 2,4,6-Trichlorophenol	13.15	196	79983	39.165	ng		97
44) 2,4,5-Trichlorophenol	13.23	196	83945	39.949	ng		97
46) 1,1'-Biphenyl	13.55	154	236751	39.172	ng		99
47) 2-Chloronaphthalene	13.60	162	205741	39.539	ng		98
48) 2-Nitroaniline	13.81	65	72714	38.156	ng		90
49) Acenaphthylene	14.44	152	308691	39.094	ng		99
50) Dimethylphthalate	14.16	163	270746	38.062	ng		99
51) 2,6-Dinitrotoluene	14.30	165	57948	38.635	ng		95
52) Acenaphthene	14.78	154	179481	38.709	ng		95
53) 3-Nitroaniline	14.63	138	58211	39.392	ng		95
54) 2,4-Dinitrophenol	14.84	184	37426	37.447	ng		89
55) Dibenzofuran	15.11	168	310192	38.477	ng		98
56) 4-Nitrophenol	14.94	139	38500	36.132	ng		97
57) 2,4-Dinitrotoluene	15.08	165	84161	38.385	ng		95
58) Fluorene	15.76	166	247929	39.095	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	84783m	39.017	ng		
60) Diethylphthalate	15.51	149	275004	38.036	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	158291	38.363	ng		95
62) 4-Nitroaniline	15.80	138	63695	40.301	ng		95
63) Azobenzene	16.04	77	241417	37.428	ng		97
65) 4,6-Dinitro-2-methylphenol	15.85	198	53816	39.877	ng		93
66) n-Nitrosodiphenylamine	15.96	169	222461	40.296	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	103860	38.632	ng		94
68) Hexachlorobenzene	16.75	284	110857	38.507	ng		96
69) Atrazine	16.91	200	83924	40.997	ng		96
70) Pentachlorophenol	17.11	266	56262	38.166	ng		99
71) Phenanthrene	17.51	178	434537	39.186	ng		100
72) Anthracene	17.59	178	435758	39.860	ng		99
73) Carbazole	17.87	167	382086	39.953	ng		99
74) Di-n-butylphthalate	18.39	149	481547	40.355	ng		98
75) Fluoranthene	19.51	202	557177	37.821	ng		99
77) Benzidine	19.69	184	234107	49.220	ng		99
78) Pyrene	19.87	202	554341	41.800	ng		100
80) Butylbenzylphthalate	20.74	149	201992	40.268	ng		99
81) Benzo(a)anthracene	21.72	228	521619	39.177	ng		99
82) 3,3'-Dichlorobenzidine	21.64	252	193445	41.388	ng		98
83) Chrysene	21.79	228	502538	39.248	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	274599	40.169	ng		97
85) Di-n-octyl phthalate	22.82	149	459098	39.695	ng		99
86) Indeno(1,2,3-cd)pyrene	28.90	276	587162	38.651	ng	#	98
88) Benzo(b)fluoranthene	24.00	252	494735	37.554	ng		99
89) Benzo(k)fluoranthene	24.07	252	503352	38.569	ng		98
90) Benzo(a)pyrene	24.91	252	477555	38.383	ng		98
91) Dibenzo(a,h)anthracene	28.96	278	484560	38.685	ng		99
92) Benzo(g,h,i)perylene	30.10	276	477106	38.543	ng		99

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

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