Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062619\
Data File : BG041466.D
Acq On : 26 Jun 2019 12:13
Operator : HP/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
mohammad
6/28/2019 8:26:47 AM

Quant Time: Jun 26 14:01:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 13:18:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	24613	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	97448	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	71419	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	191156	20.00	ng		0.00
76) Chrysene-d12	21.70	240	203352	20.00	ng		0.00
87) Perylene-d12	24.99	264	223166	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	132266	98.74	ng		0.00
7) Phenol-d6	7.19	99	190073	97.89	ng		0.00
23) Nitrobenzene-d5	9.22	82	233040	100.57	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	114182	104.14	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	542069	103.16	ng		0.00
79) Terphenyl-d14	20.03	244	1058565	103.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	31388	46.729	ng		100
3) Pyridine	3.82	79	85502	47.983	ng		98
4) n-Nitrosodimethylamine	3.75	42	47089	49.553	ng		85
6) Aniline	7.36	93	129352	47.927	ng		96
8) 2-Chlorophenol	7.59	128	76868	48.837	ng		94
9) Benzaldehyde	7.17	77	55150	44.407	ng		94
10) Phenol	7.21	94	102062	48.880	ng		99
11) bis(2-Chloroethyl)ether	7.45	93	77946	49.200	ng		98
12) 1,3-Dichlorobenzene	7.92	146	100841	51.168	ng		96
13) 1,4-Dichlorobenzene	8.06	146	102508	50.920	ng		97
14) 1,2-Dichlorobenzene	8.38	146	96503	50.188	ng		93
15) Benzyl Alcohol	8.28	79	81709	43.921	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.56	45	110558	42.629	ng		100
17) 2-Methylphenol	8.48	107	72199	48.366	ng		95
18) Hexachloroethane	9.11	117	38728	48.547	ng		99
19) n-Nitroso-di-n-propylamine	8.84	70	73335	46.698	ng		94
20) 3+4-Methylphenols	8.81	107	99973	50.308	ng		97
22) Acetophenone	8.87	105	143407	50.571	ng	#	99
24) Nitrobenzene	9.26	77	116713	50.083	ng		98
25) Isophorone	9.77	82	209694	49.328	ng		100
26) 2-Nitrophenol	9.97	139	49189	52.064	ng		94
27) 2,4-Dimethylphenol	10.02	122	67973	47.998	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	107243	48.417	ng		99
29) 2,4-Dichlorophenol	10.51	162	93451	53.220	ng		96
30) 1,2,4-Trichlorobenzene	10.71	180	113861	50.630	ng		97
31) Naphthalene	10.91	128	264344	49.912	ng		98
32) Benzoic acid	10.18	122	44760	48.553	ng		98
33) 4-Chloroaniline	11.03	127	115613	51.400	ng		97
34) Hexachlorobutadiene	11.16	225	89459	50.115	ng		97
35) Caprolactam	11.83	113	28675	47.435	ng		93
36) 4-Chloro-3-methylphenol	12.14	107	101775	50.179	ng		96
37) 2-Methylnaphthalene	12.51	142	198513	50.891	ng		96
38) 1-Methylnaphthalene	12.73	142	187286	50.183	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	148880	50.483	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	83834	42.202	ng		98
43) 2,4,6-Trichlorophenol	13.12	196	91467	50.137	ng		98
44) 2,4,5-Trichlorophenol	13.19	196	88868	47.342	ng		97
46) 1,1'-Biphenyl	13.51	154	269514	49.917	ng		99
47) 2-Chloronaphthalene	13.56	162	234641	50.477	ng		99
48) 2-Nitroaniline	13.78	65	81584	47.922	ng		96
49) Acenaphthylene	14.40	152	357084	50.623	ng		99
50) Dimethylphthalate	14.13	163	317001	49.885	ng		99
51) 2,6-Dinitrotoluene	14.26	165	66647	49.741	ng		100
52) Acenaphthene	14.75	154	208399	50.313	ng		98
53) 3-Nitroaniline	14.60	138	66228	50.169	ng	#	98
54) 2,4-Dinitrophenol	14.81	184	41197	48.000	ng		91
55) Dibenzofuran	15.08	168	365549	50.759	ng		99
56) 4-Nitrophenol	14.92	139	43125	47.020	ng		91
57) 2,4-Dinitrotoluene	15.05	165	97235	49.644	ng		95
58) Fluorene	15.73	166	291295	51.418	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	92967	47.892	ng		99
60) Diethylphthalate	15.48	149	326192	50.503	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	191314	51.904	ng		97
62) 4-Nitroaniline	15.77	138	66357	46.998	ng		98
63) Azobenzene	16.01	77	272414	47.276	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	60842	49.036	ng		95
66) n-Nitrosodiphenylamine	15.93	169	257122	50.658	ng		97
67) 4-Bromophenyl-phenylether	16.61	248	126168	51.045	ng		98
68) Hexachlorobenzene	16.73	284	134081	50.658	ng		97
69) Atrazine	16.87	200	71909	43.437	ng		97
70) Pentachlorophenol	17.08	266	64108	47.301	ng		99
71) Phenanthrene	17.47	178	514137	50.430	ng		100
72) Anthracene	17.57	178	512455	50.986	ng		98
73) Carbazole	17.84	167	437532	49.763	ng		99
74) Di-n-butylphthalate	18.36	149	555731	50.656	ng		99
75) Fluoranthene	19.48	202	685556	50.616	ng		98
77) Benzidine	19.67	184	210928	42.884	ng		99
78) Pyrene	19.85	202	693577	50.574	ng		99
80) Butylbenzylphthalate	20.71	149	258092	49.754	ng		99
81) Benzo(a)anthracene	21.68	228	700774	50.896	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	246272	50.953	ng		99
83) Chrysene	21.75	228	664016	50.148	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	364596	51.575	ng		99
85) Di-n-octyl phthalate	22.78	149	610753	51.065	ng		99
86) Indeno(1,2,3-cd)pyrene	28.78	276	805630	51.282	ng	#	97
88) Benzo(b)fluoranthene	23.94	252	691886m	50.027	ng		
89) Benzo(k)fluoranthene	24.01	252	681503	49.741	ng		100
90) Benzo(a)pyrene	24.85	252	655222	50.164	ng		98
91) Dibenzo(a,h)anthracene	28.84	278	652978	49.657	ng		99
92) Benzo(g,h,i)perylene	29.97	276	650023	50.020	ng		98

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

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