Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
Data File : BG039014.D
Acq On : 9 Jan 2019 10:21
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
1/10/2019 3:15:22 PM

Quant Time: Jan 09 13:01:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 12:51:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	19683	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	79360	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	59825	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	159782	20.00	ng		0.00
76) Chrysene-d12	21.70	240	178431	20.00	ng		0.00
87) Perylene-d12	24.98	264	189061	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	20503	18.48	ng		0.00
7) Phenol-d6	7.19	99	28693	18.83	ng		0.00
23) Nitrobenzene-d5	9.21	82	28946	18.63	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	19042	23.10	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	87194	19.99	ng		0.00
79) Terphenyl-d14	20.03	244	204401	24.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	4335	8.393	ng		92
3) Pyridine	3.87	79	10359	7.285	ng		84
4) n-Nitrosodimethylamine	3.79	42	4572	6.562	ng	#	81
6) Aniline	7.36	93	17260	8.875	ng		97
8) 2-Chlorophenol	7.59	128	12276	9.559	ng		99
9) Benzaldehyde	7.17	77	9448	9.560	ng		93
10) Phenol	7.21	94	14590	9.014	ng		93
11) bis(2-Chloroethyl)ether	7.45	93	11467	8.899	ng		96
12) 1,3-Dichlorobenzene	7.92	146	14695	9.678	ng		94
13) 1,4-Dichlorobenzene	8.06	146	14805	9.520	ng		93
14) 1,2-Dichlorobenzene	8.38	146	14137	9.643	ng		99
15) Benzyl Alcohol	8.28	79	10962	9.219	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	22251	7.538	ng		97
17) 2-Methylphenol	8.48	107	9835	9.070	ng		94
18) Hexachloroethane	9.11	117	5220	9.186	ng		84
19) n-Nitroso-di-n-propylamine	8.83	70	9479	8.859	ng		89
20) 3+4-Methylphenols	8.80	107	14633	9.771	ng		93
22) Acetophenone	8.86	105	21108	10.649	ng	#	95
24) Nitrobenzene	9.25	77	14739	9.379	ng	#	93
25) Isophorone	9.76	82	24862	8.908	ng	#	98
26) 2-Nitrophenol	9.97	139	7954	9.889	ng		92
27) 2,4-Dimethylphenol	10.01	122	11250	9.760	ng		98
28) bis(2-Chloroethoxy)methane	10.24	93	15273	9.697	ng	#	97
29) 2,4-Dichlorophenol	10.50	162	13475	10.508	ng		94
30) 1,2,4-Trichlorobenzene	10.70	180	16622	10.731	ng		95
31) Naphthalene	10.90	128	39865	10.195	ng		98
32) Benzoic acid	10.16	122	2656m	4.340	ng		
33) 4-Chloroaniline	11.02	127	17607	10.372	ng		95
34) Hexachlorobutadiene	11.16	225	11359	10.837	ng		98
35) Caprolactam	11.78	113	5697	10.735	ng		89
36) 4-Chloro-3-methylphenol	12.13	107	14642	10.005	ng		91
37) 2-Methylnaphthalene	12.50	142	30308	10.865	ng		99
38) 1-Methylnaphthalene	12.72	142	29368	10.849	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	21763	9.732	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	7750	6.308	ng		99
43) 2,4,6-Trichlorophenol	13.11	196	12931	9.404	ng		96
44) 2,4,5-Trichlorophenol	13.19	196	14074	9.668	ng	#	97
46) 1,1'-Biphenyl	13.50	154	48277	9.626	ng		97
47) 2-Chloronaphthalene	13.55	162	38574	9.957	ng		96
48) 2-Nitroaniline	13.77	65	10490	8.501	ng		94
49) Acenaphthylene	14.40	152	56596	9.772	ng		98
50) Dimethylphthalate	14.12	163	51959	10.635	ng		99
51) 2,6-Dinitrotoluene	14.26	165	11514	10.400	ng	#	87
52) Acenaphthene	14.74	154	34167	9.866	ng		94
53) 3-Nitroaniline	14.59	138	11532	10.218	ng		96
54) 2,4-Dinitrophenol	14.80	184	3389	5.862	ng		93
55) Dibenzofuran	15.07	168	61546	10.368	ng		98
56) 4-Nitrophenol	14.91	139	7116	8.311	ng		82
57) 2,4-Dinitrotoluene	15.04	165	16348	10.484	ng		99
58) Fluorene	15.72	166	47038	10.695	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	13636	10.411	ng	#	94
60) Diethylphthalate	15.47	149	54040	10.076	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	29631	10.798	ng		99
62) 4-Nitroaniline	15.75	138	12092	10.407	ng		92
63) Azobenzene	16.00	77	42576	9.503	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	10402	9.126	ng		96
66) n-Nitrosodiphenylamine	15.93	169	46992	10.009	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	20129	10.315	ng		94
68) Hexachlorobenzene	16.72	284	22148	10.949	ng		93
69) Atrazine	16.87	200	20795	11.936	ng		99
70) Pentachlorophenol	17.07	266	7822	6.537	ng	#	85
71) Phenanthrene	17.46	178	84412	10.188	ng		97
72) Anthracene	17.55	178	84839	10.372	ng		99
73) Carbazole	17.83	167	84377	10.430	ng		99
74) Di-n-butylphthalate	18.36	149	95661	10.306	ng		98
75) Fluoranthene	19.47	202	109383	10.670	ng		98
77) Benzidine	19.66	184	57704	10.935	ng		98
78) Pyrene	19.84	202	115117	9.766	ng		97
80) Butylbenzylphthalate	20.70	149	43071	9.352	ng		98
81) Benzo(a)anthracene	21.68	228	108960	10.021	ng		97
82) 3,3'-Dichlorobenzidine	21.60	252	44788	10.386	ng		96
83) Chrysene	21.75	228	103459	9.879	ng		98
84) Bis(2-ethylhexyl)phthalate	21.55	149	57510	8.805	ng		98
85) Di-n-octyl phthalate	22.76	149	97945	8.954	ng		100
86) Indeno(1,2,3-cd)pyrene	28.73	276	118806	9.649	ng		98
88) Benzo(b)fluoranthene	23.93	252	101953	9.822	ng		98
89) Benzo(k)fluoranthene	24.00	252	104443	10.104	ng		99
90) Benzo(a)pyrene	24.82	252	99543	9.940	ng	#	95
91) Dibenzo(a,h)anthracene	28.79	278	99789	10.008	ng		100
92) Benzo(g,h,i)perylene	29.93	276	96107	9.781	ng	#	98

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

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