Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112219\
Data File : BG043749.D
Acq On : 22 Nov 2019 19:54
Operator : JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
mohammad
11/25/2019 8:20:21 AM

Quant Time: Nov 23 00:57:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 23:55:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	107874	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	431147	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	294956	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	672324	20.00	ng		0.00
76) Chrysene-d12	21.67	240	418574	20.00	ng		0.00
87) Perylene-d12	24.86	264	496407	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1069785	181.72	ng		0.00
7) Phenol-d6	7.20	99	1504519	177.63	ng		0.01
23) Nitrobenzene-d5	9.20	82	1558793	186.39	ng		0.02
42) 2,4,6-Tribromophenol	16.16	330	662275	117.99	ng		0.01
45) 2-Fluorobiphenyl	13.29	172	2897733	135.75	ng		0.00
79) Terphenyl-d14	20.02	244	3419688	153.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	234226	102.101	ng		97
3) Pyridine	3.92	79	675914	116.801	ng		96
4) n-Nitrosodimethylamine	3.83	42	372779	127.659	ng	#	96
6) Aniline	7.37	93	994075	101.884	ng		94
8) 2-Chlorophenol	7.60	128	610740	93.983	ng		99
9) Benzaldehyde	7.17	77	317135	76.190	ng		97
10) Phenol	7.23	94	792967	102.455	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	685452	114.550	ng		96
12) 1,3-Dichlorobenzene	7.93	146	729951	89.653	ng		96
13) 1,4-Dichlorobenzene	8.07	146	728999	88.495	ng		96
14) 1,2-Dichlorobenzene	8.39	146	694320	86.324	ng		99
15) Benzyl Alcohol	8.28	79	661606	111.224	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	1159451	133.255	ng		97
17) 2-Methylphenol	8.48	107	574985	101.907	ng		97
18) Hexachloroethane	9.13	117	286762	96.486	ng		97
19) n-Nitroso-di-n-propylamine	8.86	70	599883	109.607	ng		97
20) 3+4-Methylphenols	8.81	107	801388	103.580	ng		95
22) Acetophenone	8.86	105	1034584	93.702	ng		96
24) Nitrobenzene	9.24	77	779555	97.853	ng		97
25) Isophorone	9.78	82	1522704	99.590	ng		96
26) 2-Nitrophenol	9.95	139	344354	89.532	ng		96
27) 2,4-Dimethylphenol	10.01	122	548540	99.507	ng		95
28) bis(2-Chloroethoxy)methane	10.25	93	946288	112.137	ng		96
29) 2,4-Dichlorophenol	10.49	162	687022	97.269	ng		99
30) 1,2,4-Trichlorobenzene	10.70	180	790847	88.838	ng		98
31) Naphthalene	10.89	128	1898567	86.753	ng		94
32) Benzoic acid	10.23	122	503203	130.116	ng		99
33) 4-Chloroaniline	10.99	127	944592	105.296	ng		97
34) Hexachlorobutadiene	11.19	225	537848	81.732	ng		99
35) Caprolactam	11.82	113	251824m	103.522	ng		
36) 4-Chloro-3-methylphenol	12.12	107	721661	93.669	ng		97
37) 2-Methylnaphthalene	12.50	142	1471016	87.603	ng		98
38) 1-Methylnaphthalene	12.71	142	1391558	87.098	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	914108	83.741	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	537993	93.822	ng		100
43) 2,4,6-Trichlorophenol	13.09	196	603389	93.862	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	623564	95.947	ng		99
46) 1,1'-Biphenyl	13.51	154	1826306	81.391	ng		92
47) 2-Chloronaphthalene	13.54	162	1541263	90.275	ng		91
48) 2-Nitroaniline	13.74	65	528819	103.634	ng		98
49) Acenaphthylene	14.39	152	2221519	83.605	ng	#	88
50) Dimethylphthalate	14.13	163	1923661	84.200	ng	#	95
51) 2,6-Dinitrotoluene	14.23	165	462573	93.198	ng		97
52) Acenaphthene	14.73	154	1550113	95.661	ng		96
53) 3-Nitroaniline	14.57	138	500500	104.445	ng	#	95
54) 2,4-Dinitrophenol	14.76	184	221511	84.530	ng	#	65
55) Dibenzofuran	15.06	168	2167818	82.496	ng	#	89
56) 4-Nitrophenol	14.87	139	402456	125.326	ng		97
57) 2,4-Dinitrotoluene	15.03	165	641468	90.435	ng	#	96
58) Fluorene	15.72	166	1772758	80.435	ng	#	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	591675	85.688	ng	#	87
60) Diethylphthalate	15.49	149	1989625	86.672	ng		94
61) 4-Chlorophenyl-phenylether	15.71	204	1054042	81.980	ng		96
62) 4-Nitroaniline	15.74	138	514133	103.888	ng		100
63) Azobenzene	16.00	77	1829765	98.488	ng		91
66) n-Nitrosodiphenylamine	15.92	169	1677608	88.381	ng		94
67) 4-Bromophenyl-phenylether	16.60	248	724631	80.088	ng		98
68) Hexachlorobenzene	16.72	284	773986	74.523	ng		94
69) Atrazine	16.87	200	551497	83.615	ng		98
70) Pentachlorophenol	17.05	266	487477	103.007	ng		98
71) Phenanthrene	17.45	178	2721462	79.048	ng	#	86
72) Anthracene	17.54	178	2699615	78.373	ng	#	84
73) Carbazole	17.81	167	2508354	80.413	ng	#	88
74) Di-n-butylphthalate	18.38	149	2895219	76.495	ng	#	87
75) Fluoranthene	19.46	202	2985503	66.517	ng		84
77) Benzidine	19.63	184	948878	112.641	ng	#	94
78) Pyrene	19.82	202	2936319	113.331	ng	#	84
80) Butylbenzylphthalate	20.71	149	1120458	114.146	ng		95
81) Benzo(a)anthracene	21.65	228	2487502	94.873	ng		93
82) 3,3'-Dichlorobenzidine	21.57	252	931083	91.813	ng		98
83) Chrysene	21.72	228	2355430	90.417	ng		91
84) Bis(2-ethylhexyl)phthalate	21.59	149	1521225	109.097	ng		92
85) Di-n-octyl phthalate	22.81	149	2651309	112.075	ng		96
86) Indeno(1,2,3-cd)pyrene	28.50	276	3337583	102.066	ng		97
88) Benzo(b)fluoranthene	23.86	252	2660106	94.616	ng		95
89) Benzo(k)fluoranthene	23.93	252	2600952	91.895	ng		95
90) Benzo(a)pyrene	24.72	252	2596994	96.731	ng		97
91) Dibenzo(a,h)anthracene	28.57	278	2668193	97.162	ng		96
92) Benzo(g,h,i)perylene	29.64	276	2657183	98.095	ng		98

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

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