Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
Data File : BG042607.D
Acq On : 30 Aug 2019 19:21
Operator : HP/JU
Sample : K4409-17MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MS

Manual Integrations APPROVED
mohammad
8/31/2019 2:42:47 PM

Quant Time: Aug 30 23:38:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	35787	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	137895	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	102979	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	245755	20.00	ng		-0.01
76) Chrysene-d12	21.69	240	258733	20.00	ng		0.00
87) Perylene-d12	24.93	264	311456	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	254634	144.10	ng		0.00
7) Phenol-d6	7.17	99	337959	141.59	ng		0.00
23) Nitrobenzene-d5	9.16	82	189819	95.12	ng		-0.01
42) 2,4,6-Tribromophenol	16.15	330	217973	148.92	ng		-0.01
45) 2-Fluorobiphenyl	13.28	172	572037	93.95	ng		0.00
79) Terphenyl-d14	20.02	244	1045051	87.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	26694	36.200	ng		98
3) Pyridine	3.82	79	73737	38.996	ng		97
4) n-Nitrosodimethylamine	3.73	42	32926	48.754	ng		95
6) Aniline	7.32	93	114049	35.825	ng		100
8) 2-Chlorophenol	7.57	128	109766	51.257	ng		100
9) Benzaldehyde	7.12	77	57544	48.156	ng		99
10) Phenol	7.20	94	144747	59.645	ng		95
11) bis(2-Chloroethyl)ether	7.41	93	86259	45.259	ng		99
12) 1,3-Dichlorobenzene	7.89	146	123773	45.434	ng		99
13) 1,4-Dichlorobenzene	8.04	146	126803	45.952	ng		98
14) 1,2-Dichlorobenzene	8.35	146	120656	45.658	ng		99
15) Benzyl Alcohol	8.24	79	83247	48.479	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	107161	41.483	ng		98
17) 2-Methylphenol	8.45	107	88156	49.319	ng		95
18) Hexachloroethane	9.09	117	41408	43.833	ng		94
19) n-Nitroso-di-n-propylamine	8.81	70	66902	43.265	ng	#	90
20) 3+4-Methylphenols	8.78	107	119386	48.268	ng		97
22) Acetophenone	8.82	105	153259	51.964	ng		97
24) Nitrobenzene	9.21	77	101024	49.995	ng		100
25) Isophorone	9.73	82	189210	48.046	ng		99
26) 2-Nitrophenol	9.93	139	67297	53.145	ng		96
27) 2,4-Dimethylphenol	9.99	122	103011	59.055	ng		97
28) bis(2-Chloroethoxy)methane	10.22	93	118934	47.917	ng		98
29) 2,4-Dichlorophenol	10.47	162	126446	55.405	ng		99
30) 1,2,4-Trichlorobenzene	10.69	180	144832	51.703	ng		97
31) Naphthalene	10.87	128	324623	50.706	ng		99
32) Benzoic acid	10.16	122	45922	38.270	ng		97
33) 4-Chloroaniline	10.98	127	75925	25.690	ng		99
34) Hexachlorobutadiene	11.16	225	97100	51.577	ng		97
35) Caprolactam	11.77	113	36607m	48.071	ng		
36) 4-Chloro-3-methylphenol	12.11	107	113652	52.459	ng		96
37) 2-Methylnaphthalene	12.48	142	265763	51.699	ng		100
38) 1-Methylnaphthalene	12.70	142	250817	51.366	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	182339	55.137	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	167590	96.475	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	119538	53.477	ng		93
44) 2,4,5-Trichlorophenol	13.17	196	128462	55.457	ng		97
46) 1,1'-Biphenyl	13.49	154	350241	52.615	ng		98
47) 2-Chloronaphthalene	13.53	162	291270	50.746	ng		98
48) 2-Nitroaniline	13.73	65	64312	46.465	ng		96
49) Acenaphthylene	14.38	152	454963	52.686	ng		99
50) Dimethylphthalate	14.11	163	417372	56.172	ng		99
51) 2,6-Dinitrotoluene	14.23	165	89186	51.784	ng		98
52) Acenaphthene	14.72	154	265807	50.693	ng		99
53) 3-Nitroaniline	14.56	138	57435	33.345	ng		97
54) 2,4-Dinitrophenol	14.78	184	85395	74.059	ng		95
55) Dibenzofuran	15.06	168	463452	53.396	ng		98
56) 4-Nitrophenol	14.89	139	129608	105.895	ng		96
57) 2,4-Dinitrotoluene	15.02	165	127159	51.559	ng		97
58) Fluorene	15.71	166	374070	52.723	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	127090m	55.479	ng		
60) Diethylphthalate	15.47	149	362533	49.911	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	221135	51.704	ng		98
62) 4-Nitroaniline	15.73	138	89058	48.310	ng		94
63) Azobenzene	15.99	77	244509	49.126	ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	75750	49.163	ng		99
66) n-Nitrosodiphenylamine	15.91	169	347086	51.356	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	160024	51.335	ng		98
68) Hexachlorobenzene	16.72	284	169115	49.906	ng		98
69) Atrazine	16.86	200	132391	55.394	ng		99
70) Pentachlorophenol	17.07	266	198819	112.920	ng		99
71) Phenanthrene	17.45	178	642443	52.629	ng		99
72) Anthracene	17.54	178	659176	54.092	ng		99
73) Carbazole	17.81	167	572568	52.718	ng		100
74) Di-n-butylphthalate	18.37	149	657788	51.235	ng		100
75) Fluoranthene	19.46	202	834363	56.006	ng		98
77) Benzidine	19.64	184	348052	46.920	ng		99
78) Pyrene	19.83	202	833724	52.558	ng		99
80) Butylbenzylphthalate	20.70	149	305099	48.900	ng		99
81) Benzo(a)anthracene	21.67	228	834949	53.049	ng		97
82) 3,3'-Dichlorobenzidine	21.58	252	283044	44.714	ng		100
83) Chrysene	21.74	228	796845	52.496	ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	433451	50.036	ng		99
85) Di-n-octyl phthalate	22.78	149	754497	50.640	ng		99
86) Indeno(1,2,3-cd)pyrene	28.63	276	1074419	52.086	ng	#	96
88) Benzo(b)fluoranthene	23.91	252	918893	53.665	ng		99
89) Benzo(k)fluoranthene	23.97	252	887019	53.894	ng		99
90) Benzo(a)pyrene	24.78	252	903620	55.614	ng		99
91) Dibenzo(a,h)anthracene	28.70	278	881466	53.581	ng		97
92) Benzo(g,h,i)perylene	29.80	276	901437	54.786	ng		97

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

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