Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
Data File : BG042419.D
Acq On : 23 Aug 2019 2:41
Operator : HP/JU
Sample : K4421-13MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SUNSET-PARK-SB-1-COMPMSD

Manual Integrations APPROVED
Jagrut
8/23/2019 2:54:25 PM

Quant Time: Aug 23 05:41:35 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	8.00	152	110466	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	349006	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	219678	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	478712	20.00	ng		0.00
76) Chrysene-d12	21.70	240	459487	20.00	ng		0.00
87) Perylene-d12	24.94	264	596370	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	679123	124.51	ng		0.00
7) Phenol-d6	7.17	99	916989	124.46	ng		0.00
23) Nitrobenzene-d5	9.17	82	506957	100.38	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	338657	108.46	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1046106	80.54	ng		0.00
79) Terphenyl-d14	20.03	244	1647767	77.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	59867	26.301	ng		95
3) Pyridine	3.82	79	150232	25.739	ng		94
4) n-Nitrosodimethylamine	3.74	42	58765	28.189	ng	#	74
6) Aniline	7.32	93	196151	19.961	ng		98
8) 2-Chlorophenol	7.57	128	223782	33.854	ng		99
9) Benzaldehyde	7.13	77	82688	22.418	ng		99
10) Phenol	7.20	94	271115	36.192	ng		96
11) bis(2-Chloroethyl)ether	7.42	93	201345	34.224	ng		99
12) 1,3-Dichlorobenzene	7.89	146	244273	29.049	ng		99
13) 1,4-Dichlorobenzene	8.04	146	246308	28.917	ng		97
14) 1,2-Dichlorobenzene	8.36	146	236284	28.967	ng		99
15) Benzyl Alcohol	8.24	79	161219	30.416	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	251795	31.578	ng		97
17) 2-Methylphenol	8.45	107	182278	33.037	ng		93
18) Hexachloroethane	9.09	117	81484	27.944	ng		92
19) n-Nitroso-di-n-propylamine	8.81	70	144801	30.337	ng		99
20) 3+4-Methylphenols	8.79	107	251263	32.910	ng		97
22) Acetophenone	8.83	105	300839	40.302	ng	#	98
24) Nitrobenzene	9.21	77	209113	40.888	ng		99
25) Isophorone	9.74	82	333396	33.449	ng		99
26) 2-Nitrophenol	9.93	139	102883	32.101	ng		99
27) 2,4-Dimethylphenol	10.00	122	168680	38.208	ng		97
28) bis(2-Chloroethoxy)methane	10.22	93	202062	32.165	ng		98
29) 2,4-Dichlorophenol	10.48	162	184285	31.904	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	215675	30.420	ng		97
31) Naphthalene	10.87	128	520101	32.098	ng		100
32) Benzoic acid	10.09	122	10165m	10.802	ng		
33) 4-Chloroaniline	10.98	127	140604	18.797	ng		98
34) Hexachlorobutadiene	11.17	225	127010	26.656	ng		99
35) Caprolactam	11.75	113	52184	27.075	ng		95
36) 4-Chloro-3-methylphenol	12.12	107	169466	30.906	ng		99
37) 2-Methylnaphthalene	12.49	142	407430	31.315	ng		99
38) 1-Methylnaphthalene	12.71	142	360895	29.202	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	237388	33.650	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	142319	38.405 ng		99
43) 2,4,6-Trichlorophenol	13.10	196	163308	34.247 ng		98
44) 2,4,5-Trichlorophenol	13.18	196	174213	35.255 ng		97
46) 1,1'-Biphenyl	13.49	154	516338	36.361 ng		98
47) 2-Chloronaphthalene	13.53	162	399515	32.629 ng		98
48) 2-Nitroaniline	13.73	65	100269	33.959 ng		98
49) Acenaphthylene	14.39	152	706656	38.361 ng		99
50) Dimethylphthalate	14.12	163	680262	42.917 ng		100
51) 2,6-Dinitrotoluene	14.23	165	130625	35.554 ng		93
52) Acenaphthene	14.73	154	376670	33.674 ng		98
53) 3-Nitroaniline	14.56	138	104464	28.430 ng		98
54) 2,4-Dinitrophenol	14.78	184	13360	11.233 ng		93
55) Dibenzofuran	15.06	168	633003	34.188 ng		98
56) 4-Nitrophenol	14.89	139	201238	77.075 ng		95
57) 2,4-Dinitrotoluene	15.03	165	166120	31.575 ng		97
58) Fluorene	15.71	166	536304	35.434 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	158693m	32.474 ng		
60) Diethylphthalate	15.48	149	510236	32.930 ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	296757	32.526 ng		99
62) 4-Nitroaniline	15.73	138	134309	34.153 ng		95
63) Azobenzene	16.00	77	371228	34.964 ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	31170	10.385 ng		97
66) n-Nitrosodiphenylamine	15.91	169	482858	36.678 ng		98
67) 4-Bromophenyl-phenylether	16.60	248	192237	31.659 ng		97
68) Hexachlorobenzene	16.73	284	199752	30.261 ng		99
69) Atrazine	16.87	200	163136	35.041 ng		97
70) Pentachlorophenol	17.07	266	210984	61.517 ng		98
71) Phenanthrene	17.46	178	891037	37.472 ng		99
72) Anthracene	17.55	178	843372	35.528 ng		99
73) Carbazole	17.82	167	725677	34.301 ng		100
74) Di-n-butylphthalate	18.38	149	804200	32.157 ng		99
75) Fluoranthene	19.47	202	1032301	35.572 ng		99
77) Benzidine	19.65	184	134656	10.222 ng		99
78) Pyrene	19.83	202	1049028	37.238 ng		99
80) Butylbenzylphthalate	20.71	149	360488	32.534 ng		100
81) Benzo(a)anthracene	21.67	228	1006181	35.997 ng		100
82) 3,3'-Dichlorobenzidine	21.58	252	261418	23.255 ng		100
83) Chrysene	21.74	228	982017	36.429 ng		98
84) Bis(2-ethylhexyl)phthalate	21.58	149	548049	35.624 ng		99
85) Di-n-octyl phthalate	22.79	149	891912	33.708 ng		100
86) Indeno(1,2,3-cd)pyrene	28.65	276	1166699	31.848 ng	#	96
88) Benzo(b)fluoranthene	23.91	252	1128821	34.430 ng		99
89) Benzo(k)fluoranthene	23.98	252	1094003	34.714 ng		99
90) Benzo(a)pyrene	24.79	252	1114852	35.834 ng	#	98
91) Dibenzo(a,h)anthracene	28.71	278	923109	29.305 ng		98
92) Benzo(g,h,i)perylene	29.81	276	979555	31.092 ng		99

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

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