Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
Data File : BG042601.D
Acq On : 30 Aug 2019 15:26
Operator : HP/JU
Sample : K4471-16MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S704-N-2.0-2.5-082119MS

Manual Integrations APPROVED
mohammad
8/31/2019 2:42:43 PM

Quant Time: Aug 30 16:38:21 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	34858	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	132474	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	101431	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	240511	20.00	ng		0.00
76) Chrysene-d12	21.69	240	256811	20.00	ng		0.00
87) Perylene-d12	24.92	264	312145	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	252924	146.95	ng		0.00
7) Phenol-d6	7.17	99	338129	145.44	ng		0.00
23) Nitrobenzene-d5	9.17	82	188576	98.37	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	221917	153.93	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	523909	87.36	ng		0.00
79) Terphenyl-d14	20.02	244	976625	82.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	25597	35.637	ng		97
3) Pyridine	3.82	79	60464	32.829	ng		97
4) n-Nitrosodimethylamine	3.74	42	32281	49.072	ng		92
6) Aniline	7.31	93	105878	34.145	ng		99
8) 2-Chlorophenol	7.56	128	106934	51.265	ng		100
9) Benzaldehyde	7.13	77	58373	50.152	ng		98
10) Phenol	7.19	94	128046	54.170	ng		94
11) bis(2-Chloroethyl)ether	7.41	93	81878	44.105	ng		99
12) 1,3-Dichlorobenzene	7.88	146	117195	44.166	ng		99
13) 1,4-Dichlorobenzene	8.03	146	121685	45.273	ng		97
14) 1,2-Dichlorobenzene	8.35	146	114589	44.518	ng		97
15) Benzyl Alcohol	8.24	79	81088	48.480	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	104638	41.586	ng		99
17) 2-Methylphenol	8.45	107	84910	48.769	ng		94
18) Hexachloroethane	9.09	117	38441	41.777	ng		91
19) n-Nitroso-di-n-propylamine	8.81	70	64891	43.083	ng		96
20) 3+4-Methylphenols	8.78	107	115413	47.905	ng		99
22) Acetophenone	8.82	105	146859	51.832	ng	#	98
24) Nitrobenzene	9.21	77	98112	50.540	ng		98
25) Isophorone	9.74	82	184778	48.840	ng		98
26) 2-Nitrophenol	9.92	139	64678	53.166	ng		95
27) 2,4-Dimethylphenol	9.99	122	99847	59.583	ng		98
28) bis(2-Chloroethoxy)methane	10.22	93	114854	48.166	ng		99
29) 2,4-Dichlorophenol	10.47	162	123172	56.179	ng		99
30) 1,2,4-Trichlorobenzene	10.68	180	136424	50.694	ng		97
31) Naphthalene	10.87	128	311996	50.728	ng		99
32) Benzoic acid	10.12	122	7380m	13.205	ng		
33) 4-Chloroaniline	10.98	127	85020	29.945	ng		98
34) Hexachlorobutadiene	11.16	225	89503	49.487	ng		99
35) Caprolactam	11.76	113	35686m	48.779	ng		
36) 4-Chloro-3-methylphenol	12.12	107	110843	53.256	ng		97
37) 2-Methylnaphthalene	12.48	142	252581	51.145	ng		99
38) 1-Methylnaphthalene	12.70	142	236556	50.428	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	172221	52.872	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	159457	93.194	ng		97
43) 2,4,6-Trichlorophenol	13.09	196	114971	52.219	ng		95
44) 2,4,5-Trichlorophenol	13.17	196	124883	54.734	ng		98
46) 1,1'-Biphenyl	13.49	154	335067	51.104	ng		97
47) 2-Chloronaphthalene	13.53	162	278435	49.250	ng		98
48) 2-Nitroaniline	13.74	65	63977	46.928	ng		94
49) Acenaphthylene	14.38	152	434647	51.102	ng		98
50) Dimethylphthalate	14.11	163	420978	57.521	ng		99
51) 2,6-Dinitrotoluene	14.23	165	87609	51.644	ng		96
52) Acenaphthene	14.72	154	252448	48.880	ng		99
53) 3-Nitroaniline	14.56	138	60114	35.433	ng		99
54) 2,4-Dinitrophenol	14.78	184	43553	41.367	ng		97
55) Dibenzofuran	15.06	168	438799	51.327	ng		99
56) 4-Nitrophenol	14.89	139	128469	106.566	ng		96
57) 2,4-Dinitrotoluene	15.02	165	126071	51.898	ng		98
58) Fluorene	15.71	166	354642	50.748	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	128000	56.729	ng		94
60) Diethylphthalate	15.48	149	351921	49.190	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	213042	50.572	ng		97
62) 4-Nitroaniline	15.73	138	86769	47.787	ng		94
63) Azobenzene	15.99	77	232076	47.340	ng		96
65) 4,6-Dinitro-2-methylphenol	15.79	198	71494	47.413	ng		100
66) n-Nitrosodiphenylamine	15.91	169	335388	50.707	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	151857	49.777	ng		99
68) Hexachlorobenzene	16.72	284	158957	47.931	ng		97
69) Atrazine	16.86	200	129873	55.525	ng		97
70) Pentachlorophenol	17.07	266	185028	107.379	ng		99
71) Phenanthrene	17.46	178	624781	52.298	ng		99
72) Anthracene	17.54	178	628694	52.715	ng		99
73) Carbazole	17.81	167	559077	52.598	ng		98
74) Di-n-butylphthalate	18.37	149	619423	49.299	ng		100
75) Fluoranthene	19.47	202	817587	56.076	ng		97
77) Benzidine	19.64	184	459312	62.382	ng		98
78) Pyrene	19.82	202	802547	50.972	ng		100
80) Butylbenzylphthalate	20.71	149	289633	46.769	ng		98
81) Benzo(a)anthracene	21.67	228	784102	50.191	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	270994	43.131	ng		97
83) Chrysene	21.73	228	759165	50.388	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	412582	47.984	ng		99
85) Di-n-octyl phthalate	22.79	149	723777	48.942	ng		99
86) Indeno(1,2,3-cd)pyrene	28.64	276	1010923	49.374	ng	#	97
88) Benzo(b)fluoranthene	23.90	252	858581	50.032	ng		99
89) Benzo(k)fluoranthene	23.97	252	860801	52.186	ng		98
90) Benzo(a)pyrene	24.78	252	850114	52.206	ng		99
91) Dibenzo(a,h)anthracene	28.70	278	835212	50.657	ng		99
92) Benzo(g,h,i)perylene	29.80	276	843278	51.139	ng		97

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

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