Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082619\
Data File : BG042490.D
Acq On : 26 Aug 2019 8:39
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
JAGRUT
8/27/2019 7:51:20 AM

Quant Time: Aug 27 01:16:12 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	44885	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	187320	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	136730	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	311826	20.00	ng		0.00
76) Chrysene-d12	21.69	240	307889	20.00	ng		0.00
87) Perylene-d12	24.93	264	375739	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	178968	80.75	ng		0.00
7) Phenol-d6	7.17	99	243678	81.40	ng		0.00
23) Nitrobenzene-d5	9.17	82	220208	81.24	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	144238	74.22	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	668745	82.72	ng		0.00
79) Terphenyl-d14	20.02	244	1179200	82.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	40166	43.429	ng		98
3) Pyridine	3.82	79	105862	44.638	ng		98
4) n-Nitrosodimethylamine	3.73	42	34648	40.904	ng		99
6) Aniline	7.32	93	162193	40.621	ng		99
8) 2-Chlorophenol	7.57	128	106854	39.783	ng		97
9) Benzaldehyde	7.13	77	58122	38.781	ng		93
10) Phenol	7.20	94	124904	41.036	ng		98
11) bis(2-Chloroethyl)ether	7.41	93	99621	41.675	ng		99
12) 1,3-Dichlorobenzene	7.89	146	136843	40.050	ng		98
13) 1,4-Dichlorobenzene	8.04	146	136493	39.438	ng		96
14) 1,2-Dichlorobenzene	8.36	146	132295	39.915	ng		97
15) Benzyl Alcohol	8.24	79	84295	39.139	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.53	45	133336	41.154	ng		100
17) 2-Methylphenol	8.45	107	90369	40.309	ng		92
18) Hexachloroethane	9.09	117	46364	39.131	ng		96
19) n-Nitroso-di-n-propylamine	8.81	70	79028	40.748	ng		99
20) 3+4-Methylphenols	8.78	107	124748	40.213	ng		99
22) Acetophenone	8.83	105	162334	40.518	ng	#	98
24) Nitrobenzene	9.21	77	111530	40.631	ng		99
25) Isophorone	9.74	82	217214	40.604	ng		99
26) 2-Nitrophenol	9.93	139	67314	39.132	ng		93
27) 2,4-Dimethylphenol	9.99	122	94805	40.010	ng		99
28) bis(2-Chloroethoxy)methane	10.22	93	139297	41.313	ng		98
29) 2,4-Dichlorophenol	10.47	162	121815	39.293	ng		94
30) 1,2,4-Trichlorobenzene	10.69	180	149342	39.246	ng		95
31) Naphthalene	10.87	128	353875	40.690	ng		100
32) Benzoic acid	10.14	122	56601	35.481	ng		99
33) 4-Chloroaniline	10.99	127	159407	39.706	ng		100
34) Hexachlorobutadiene	11.16	225	100971	39.482	ng		99
35) Caprolactam	11.75	113	40634	39.280	ng		98
36) 4-Chloro-3-methylphenol	12.11	107	116926	39.730	ng		99
37) 2-Methylnaphthalene	12.48	142	281538	40.317	ng		100
38) 1-Methylnaphthalene	12.70	142	266522	40.181	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	174422	39.724	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	86519	37.511 ng	99
43) 2,4,6-Trichlorophenol	13.09	196	116694	39.318 ng	94
44) 2,4,5-Trichlorophenol	13.18	196	118304	38.465 ng	98
46) 1,1'-Biphenyl	13.49	154	362369	41.000 ng	99
47) 2-Chloronaphthalene	13.54	162	308265	40.449 ng	98
48) 2-Nitroaniline	13.73	65	75864	41.281 ng	96
49) Acenaphthylene	14.38	152	467675	40.790 ng	99
50) Dimethylphthalate	14.11	163	396319	40.172 ng	99
51) 2,6-Dinitrotoluene	14.23	165	89233	39.022 ng	99
52) Acenaphthene	14.73	154	280602	40.304 ng	99
53) 3-Nitroaniline	14.56	138	91855	40.164 ng	97
54) 2,4-Dinitrophenol	14.78	184	43899	32.511 ng	98
55) Dibenzofuran	15.06	168	468100	40.619 ng	99
56) 4-Nitrophenol	14.89	139	64178	39.492 ng	97
57) 2,4-Dinitrotoluene	15.03	165	131570	40.179 ng	98
58) Fluorene	15.71	166	382184	40.570 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	117465m	38.620 ng	
60) Diethylphthalate	15.47	149	389219	40.358 ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	223482	39.354 ng	99
62) 4-Nitroaniline	15.73	138	98713	40.330 ng	97
63) Azobenzene	16.00	77	277213	41.949 ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	75137	38.433 ng	98
66) n-Nitrosodiphenylamine	15.91	169	347413	40.513 ng	99
67) 4-Bromophenyl-phenylether	16.60	248	151946	38.416 ng	99
68) Hexachlorobenzene	16.73	284	163206	37.957 ng	96
69) Atrazine	16.87	200	112306	37.034 ng	100
70) Pentachlorophenol	17.07	266	82000	36.704 ng	96
71) Phenanthrene	17.45	178	641520	41.418 ng	99
72) Anthracene	17.55	178	644368	41.673 ng	99
73) Carbazole	17.82	167	572557	41.547 ng	99
74) Di-n-butylphthalate	18.37	149	690749	42.403 ng	100
75) Fluoranthene	19.46	202	796546	42.138 ng	100
77) Benzidine	19.65	184	323948	36.698 ng	99
78) Pyrene	19.83	202	799565	42.358 ng	99
80) Butylbenzylphthalate	20.71	149	313871	42.275 ng	98
81) Benzo(a)anthracene	21.67	228	782925	41.802 ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	297096	39.441 ng	100
83) Chrysene	21.74	228	754797	41.787 ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	444895	43.158 ng	98
85) Di-n-octyl phthalate	22.79	149	772590	43.576 ng	100
86) Indeno(1,2,3-cd)pyrene	28.63	276	983529	40.067 ng	98
88) Benzo(b)fluoranthene	23.90	252	844982	40.906 ng	100
89) Benzo(k)fluoranthene	23.97	252	815693	41.081 ng	99
90) Benzo(a)pyrene	24.77	252	805657	41.102 ng	99
91) Dibenzo(a,h)anthracene	28.69	278	794658	40.040 ng	98
92) Benzo(g,h,i)perylene	29.79	276	789468	39.772 ng	97

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

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