Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
Data File : BG042471.D
Acq On : 25 Aug 2019 10:38
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/29/2019 7:57:41 AM

Quant Time: Aug 26 06:57:29 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	8.00	152	50746	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	211296	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	152487	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	346265	20.00	ng	0.00
76) Chrysene-d12	21.69	240	341957	20.00	ng	0.00
87) Perylene-d12	24.94	264	412189	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	208735	83.31	ng	0.00
7) Phenol-d6	7.16	99	282700	83.53	ng	0.00
23) Nitrobenzene-d5	9.17	82	249664	81.65	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	155983	71.97	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	736315	81.67	ng	0.00
79) Terphenyl-d14	20.02	244	1280915	80.98	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	46059	44.049	ng	98
3) Pyridine	3.82	79	121721	45.397	ng	98
4) n-Nitrosodimethylamine	3.74	42	38848	40.566	ng	92
6) Aniline	7.32	93	186127	41.231	ng	99
8) 2-Chlorophenol	7.57	128	124988	41.160	ng	96
9) Benzaldehyde	7.13	77	63907	37.716	ng	96
10) Phenol	7.19	94	145193	42.193	ng	96
11) bis(2-Chloroethyl)ether	7.41	93	114241	42.271	ng	99
12) 1,3-Dichlorobenzene	7.89	146	154287	39.940	ng	99
13) 1,4-Dichlorobenzene	8.04	146	157055	40.138	ng	97
14) 1,2-Dichlorobenzene	8.36	146	149680	39.945	ng	99
15) Benzyl Alcohol	8.24	79	96165	39.493	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	158600	43.298	ng	98
17) 2-Methylphenol	8.45	107	102730	40.531	ng	96
18) Hexachloroethane	9.10	117	54107	40.392	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	90141	41.110	ng	97
20) 3+4-Methylphenols	8.78	107	144129	41.094	ng	99
22) Acetophenone	8.82	105	187759	41.546	ng	99
24) Nitrobenzene	9.21	77	128522	41.508	ng	100
25) Isophorone	9.74	82	252181	41.791	ng	96
26) 2-Nitrophenol	9.93	139	77550	39.967	ng	98
27) 2,4-Dimethylphenol	9.99	122	107537	40.233	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	159446	41.923	ng	98
29) 2,4-Dichlorophenol	10.48	162	137033	39.186	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	166077	38.691	ng	99
31) Naphthalene	10.88	128	406445	41.432	ng	99
32) Benzoic acid	10.14	122	63204	35.207	ng	99
33) 4-Chloroaniline	10.98	127	183941	40.618	ng	98
34) Hexachlorobutadiene	11.16	225	110230	38.211	ng	99
35) Caprolactam	11.75	113	47439	40.655	ng	96
36) 4-Chloro-3-methylphenol	12.12	107	133058	40.082	ng	98
37) 2-Methylnaphthalene	12.49	142	317593	40.319	ng	99
38) 1-Methylnaphthalene	12.70	142	298496	39.895	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	190304	38.862	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	91285	35.488	ng		98
43) 2,4,6-Trichlorophenol	13.10	196	128357	38.779	ng		95
44) 2,4,5-Trichlorophenol	13.18	196	131436	38.319	ng		96
46) 1,1'-Biphenyl	13.49	154	407372	41.329	ng		98
47) 2-Chloronaphthalene	13.54	162	343875	40.459	ng		98
48) 2-Nitroaniline	13.74	65	86366	42.139	ng		99
49) Acenaphthylene	14.38	152	524358	41.008	ng		98
50) Dimethylphthalate	14.11	163	440235	40.012	ng		100
51) 2,6-Dinitrotoluene	14.23	165	104088	40.814	ng		95
52) Acenaphthene	14.72	154	313853	40.422	ng		99
53) 3-Nitroaniline	14.57	138	105126	41.217	ng		100
54) 2,4-Dinitrophenol	14.78	184	55810	36.184	ng		96
55) Dibenzofuran	15.06	168	519210	40.398	ng		99
56) 4-Nitrophenol	14.89	139	75415	41.612	ng		97
57) 2,4-Dinitrotoluene	15.02	165	145122	39.738	ng		95
58) Fluorene	15.71	166	425084	40.461	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	127725m	37.654	ng		
60) Diethylphthalate	15.48	149	440715	40.976	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	246510	38.924	ng		100
62) 4-Nitroaniline	15.73	138	113345	41.523	ng		98
63) Azobenzene	16.00	77	316608	42.959	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	84194	38.782	ng		97
66) n-Nitrosodiphenylamine	15.92	169	386227	40.559	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	166094	37.816	ng		97
68) Hexachlorobenzene	16.73	284	179643	37.625	ng		96
69) Atrazine	16.86	200	124908	37.093	ng		97
70) Pentachlorophenol	17.07	266	95010	38.298	ng		96
71) Phenanthrene	17.46	178	709830	41.270	ng		99
72) Anthracene	17.55	178	710747	41.394	ng		99
73) Carbazole	17.82	167	642301	41.972	ng		99
74) Di-n-butylphthalate	18.37	149	775626	42.877	ng		99
75) Fluoranthene	19.47	202	881780	42.008	ng		98
77) Benzidine	19.65	184	282875	28.853	ng		98
78) Pyrene	19.83	202	881502	42.046	ng		99
80) Butylbenzylphthalate	20.71	149	360582	43.728	ng		97
81) Benzo(a)anthracene	21.67	228	861473	41.413	ng		100
82) 3,3'-Dichlorobenzidine	21.58	252	316996	37.890	ng	#	99
83) Chrysene	21.74	228	832008	41.473	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	501700	43.820	ng		98
85) Di-n-octyl phthalate	22.80	149	868049	44.082	ng		100
86) Indeno(1,2,3-cd)pyrene	28.65	276	1069522	39.230	ng	#	93
88) Benzo(b)fluoranthene	23.91	252	919684	40.585	ng		99
89) Benzo(k)fluoranthene	23.98	252	890370	40.877	ng		99
90) Benzo(a)pyrene	24.79	252	878875	40.872	ng		98
91) Dibenzo(a,h)anthracene	28.72	278	872534	40.076	ng		98
92) Benzo(g,h,i)perylene	29.81	276	864582	39.705	ng	#	97

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

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