Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042571.D
Acq On : 29 Aug 2019 18:53
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 30 05:43:06 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

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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8/30/2019 7:57:55 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	36065	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	144858	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	108717	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	248854	20.00	ng		0.00
76) Chrysene-d12	21.69	240	256077	20.00	ng		0.00
87) Perylene-d12	24.94	264	310028	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	138323	77.68	ng		0.00
7) Phenol-d6	7.16	99	184470	76.69	ng		0.00
23) Nitrobenzene-d5	9.17	82	171686	81.90	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	126242	81.70	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	547726	85.21	ng		0.00
79) Terphenyl-d14	20.02	244	989869	83.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	27466	36.960	ng		98
3) Pyridine	3.83	79	71093	37.308	ng		94
4) n-Nitrosodimethylamine	3.74	42	27670	40.655	ng		89
6) Aniline	7.32	93	121362	37.828	ng		96
8) 2-Chlorophenol	7.56	128	85104	39.434	ng		99
9) Benzaldehyde	7.13	77	48266	40.080	ng		91
10) Phenol	7.19	94	92951	38.007	ng		94
11) bis(2-Chloroethyl)ether	7.42	93	71235	37.088	ng		99
12) 1,3-Dichlorobenzene	7.89	146	109387	39.844	ng		99
13) 1,4-Dichlorobenzene	8.03	146	110754	39.827	ng		98
14) 1,2-Dichlorobenzene	8.36	146	105084	39.459	ng		96
15) Benzyl Alcohol	8.24	79	67733	39.140	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	96528	37.079	ng		99
17) 2-Methylphenol	8.45	107	69906	38.808	ng		96
18) Hexachloroethane	9.09	117	36661	38.509	ng		93
19) n-Nitroso-di-n-propylamine	8.81	70	58860	37.771	ng		94
20) 3+4-Methylphenols	8.78	107	95515	38.319	ng		97
22) Acetophenone	8.83	105	126275	40.757	ng	#	97
24) Nitrobenzene	9.21	77	84235	39.682	ng		98
25) Isophorone	9.74	82	162668	39.321	ng		100
26) 2-Nitrophenol	9.93	139	53237	40.020	ng		95
27) 2,4-Dimethylphenol	9.99	122	73389	40.050	ng		97
28) bis(2-Chloroethoxy)methane	10.22	93	100738	38.635	ng		99
29) 2,4-Dichlorophenol	10.48	162	100164	41.779	ng		97
30) 1,2,4-Trichlorobenzene	10.68	180	122708	41.699	ng		96
31) Naphthalene	10.87	128	269910	40.133	ng		99
32) Benzoic acid	10.14	122	48652m	38.527	ng		
33) 4-Chloroaniline	10.98	127	123672	39.835	ng		100
34) Hexachlorobutadiene	11.16	225	86578	43.777	ng		98
35) Caprolactam	11.76	113	30324m	37.906	ng		
36) 4-Chloro-3-methylphenol	12.12	107	89890	39.497	ng		99
37) 2-Methylnaphthalene	12.49	142	218943	40.544	ng		99
38) 1-Methylnaphthalene	12.70	142	206683	40.293	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	149352	42.778	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	61062	33.296	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	94796	40.170	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	98047	40.093	ng		97
46) 1,1'-Biphenyl	13.49	154	283925	40.402	ng		98
47) 2-Chloronaphthalene	13.54	162	244377	40.329	ng		99
48) 2-Nitroaniline	13.74	65	57958	39.664	ng		98
49) Acenaphthylene	14.38	152	368693	40.443	ng		99
50) Dimethylphthalate	14.11	163	316272	40.319	ng		100
51) 2,6-Dinitrotoluene	14.23	165	72209	39.713	ng		97
52) Acenaphthene	14.72	154	219957	39.734	ng		100
53) 3-Nitroaniline	14.57	138	71294	39.206	ng		97
54) 2,4-Dinitrophenol	14.78	184	37407	34.392	ng		94
55) Dibenzofuran	15.06	168	375788	41.011	ng		99
56) 4-Nitrophenol	14.89	139	48413	37.468	ng		97
57) 2,4-Dinitrotoluene	15.02	165	103049	39.578	ng		96
58) Fluorene	15.71	166	304198	40.612	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	99425m	41.112	ng		
60) Diethylphthalate	15.47	149	307370	40.083	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	185001	40.972	ng		98
62) 4-Nitroaniline	15.73	138	76601	39.360	ng		93
63) Azobenzene	15.99	77	201344	38.318	ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	60654	38.876	ng		98
66) n-Nitrosodiphenylamine	15.91	169	273507	39.965	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	132485	41.971	ng		98
68) Hexachlorobenzene	16.72	284	142222	41.447	ng		97
69) Atrazine	16.86	200	86180	35.610	ng		97
70) Pentachlorophenol	17.07	266	68520	38.432	ng		97
71) Phenanthrene	17.46	178	510673	41.313	ng		99
72) Anthracene	17.54	178	515372	41.764	ng		99
73) Carbazole	17.81	167	444705	40.435	ng		99
74) Di-n-butylphthalate	18.37	149	534526	41.116	ng		99
75) Fluoranthene	19.47	202	647533	42.924	ng		96
77) Benzidine	19.64	184	275961	37.587	ng		100
78) Pyrene	19.83	202	652502	41.561	ng		99
80) Butylbenzylphthalate	20.71	149	239610	38.802	ng		99
81) Benzo(a)anthracene	21.67	228	649232	41.677	ng		97
82) 3,3'-Dichlorobenzidine	21.58	252	252278	40.267	ng		100
83) Chrysene	21.74	228	625539	41.638	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	336807	39.283	ng		97
85) Di-n-octyl phthalate	22.79	149	588917	39.937	ng		99
86) Indeno(1,2,3-cd)pyrene	28.65	276	820603	40.194	ng	#	97
88) Benzo(b)fluoranthene	23.91	252	693154	40.668	ng		98
89) Benzo(k)fluoranthene	23.97	252	698611	42.642	ng		99
90) Benzo(a)pyrene	24.78	252	677322	41.879	ng	#	98
91) Dibenzo(a,h)anthracene	28.71	278	673840	41.149	ng		98
92) Benzo(g,h,i)perylene	29.82	276	659601	40.273	ng		98

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

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