Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060619\
Data File : BG041082.D
Acq On : 6 Jun 2019 9:14
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/7/2019 2:12:47 PM

Quant Time: Jun 06 23:22:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	37445	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	150792	20.00	ng		-0.02
39) Acenaphthene-d10	14.74	164	102819	20.00	ng		-0.02
64) Phenanthrene-d10	17.48	188	266029	20.00	ng		-0.02
76) Chrysene-d12	21.77	240	284041	20.00	ng		-0.02
87) Perylene-d12	25.09	264	313457	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	174030	83.81	ng		-0.01
7) Phenol-d6	7.26	99	237930	74.19	ng		-0.01
23) Nitrobenzene-d5	9.29	82	274065	80.69	ng		-0.02
42) 2,4,6-Tribromophenol	16.23	330	122158	80.03	ng		-0.02
45) 2-Fluorobiphenyl	13.37	172	584862	81.92	ng		-0.02
79) Terphenyl-d14	20.08	244	1118138	83.55	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	39661	42.089	ng		95
3) Pyridine	3.92	79	111720	40.068	ng		98
4) n-Nitrosodimethylamine	3.84	42	56196	43.426	ng	#	80
6) Aniline	7.44	93	163514	38.198	ng		97
8) 2-Chlorophenol	7.67	128	97028	39.193	ng		94
9) Benzaldehyde	7.25	77	74619	39.004	ng		91
10) Phenol	7.28	94	130242	37.876	ng		99
11) bis(2-Chloroethyl)ether	7.53	93	97151	38.946	ng		97
12) 1,3-Dichlorobenzene	8.00	146	122114	41.299	ng		98
13) 1,4-Dichlorobenzene	8.15	146	122335	40.874	ng		95
14) 1,2-Dichlorobenzene	8.47	146	117219	40.336	ng		99
15) Benzyl Alcohol	8.35	79	111266	37.506	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.64	45	155597	38.172	ng		97
17) 2-Methylphenol	8.54	107	89495	35.946	ng		98
18) Hexachloroethane	9.19	117	49168	42.623	ng		94
19) n-Nitroso-di-n-propylamine	8.91	70	88944	36.039	ng		97
20) 3+4-Methylphenols	8.87	107	122044	35.388	ng		97
22) Acetophenone	8.94	105	170183	40.233	ng	#	96
24) Nitrobenzene	9.34	77	139569	40.320	ng		99
25) Isophorone	9.85	82	242425	37.503	ng		99
26) 2-Nitrophenol	10.04	139	57415	40.234	ng		88
27) 2,4-Dimethylphenol	10.08	122	90060	38.213	ng		96
28) bis(2-Chloroethoxy)methane	10.33	93	135493	38.836	ng		97
29) 2,4-Dichlorophenol	10.57	162	109001	36.420	ng		94
30) 1,2,4-Trichlorobenzene	10.79	180	136082	39.970	ng		96
31) Naphthalene	10.99	128	315623	38.984	ng		100
32) Benzoic acid	10.20	122	55725	33.388	ng		97
33) 4-Chloroaniline	11.09	127	141324	37.621	ng		96
34) Hexachlorobutadiene	11.25	225	106371	40.832	ng		95
35) Caprolactam	11.88	113	35014	35.428	ng	#	82
36) 4-Chloro-3-methylphenol	12.19	107	120828	35.350	ng		98
37) 2-Methylnaphthalene	12.58	142	230356	36.943	ng		98
38) 1-Methylnaphthalene	12.80	142	214369	36.482	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	167985	40.535	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	83769	41.968	ng		93
43) 2,4,6-Trichlorophenol	13.17	196	107296	40.022	ng		97
44) 2,4,5-Trichlorophenol	13.25	196	109669	38.788	ng		99
46) 1,1'-Biphenyl	13.58	154	304999	40.074	ng		98
47) 2-Chloronaphthalene	13.62	162	267424	40.929	ng		97
48) 2-Nitroaniline	13.83	65	98503	42.024	ng		92
49) Acenaphthylene	14.47	152	391064	39.767	ng		98
50) Dimethylphthalate	14.19	163	344997	39.638	ng		99
51) 2,6-Dinitrotoluene	14.32	165	74333	39.611	ng		99
52) Acenaphthene	14.81	154	230597	38.709	ng		94
53) 3-Nitroaniline	14.65	138	75319	40.138	ng		96
54) 2,4-Dinitrophenol	14.86	184	35019	45.635	ng		91
55) Dibenzofuran	15.14	168	401152	40.019	ng		97
56) 4-Nitrophenol	14.94	139	56448	43.856	ng		93
57) 2,4-Dinitrotoluene	15.10	165	107374	40.506	ng	#	98
58) Fluorene	15.79	166	317672	39.794	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	112487	40.483	ng		98
60) Diethylphthalate	15.54	149	347402	39.112	ng		98
61) 4-Chlorophenyl-phenylether	15.77	204	202919	39.107	ng		97
62) 4-Nitroaniline	15.82	138	84157	42.362	ng		97
63) Azobenzene	16.06	77	314593	38.968	ng		97
65) 4,6-Dinitro-2-methylphenol	15.86	198	57039	41.442	ng		93
66) n-Nitrosodiphenylamine	15.99	169	283473	37.906	ng		98
67) 4-Bromophenyl-phenylether	16.67	248	132920	37.023	ng		97
68) Hexachlorobenzene	16.78	284	144311	37.748	ng		99
69) Atrazine	16.93	200	115292	39.955	ng		98
70) Pentachlorophenol	17.13	266	79261	40.899	ng		96
71) Phenanthrene	17.53	178	554755	40.034	ng		100
72) Anthracene	17.62	178	558428	40.860	ng		99
73) Carbazole	17.89	167	499040	42.556	ng		98
74) Di-n-butylphthalate	18.43	149	592774	40.671	ng		100
75) Fluoranthene	19.53	202	735546	42.975	ng		99
77) Benzidine	19.71	184	324971m	47.960	ng		
78) Pyrene	19.89	202	747304	40.472	ng		99
80) Butylbenzylphthalate	20.76	149	285839	39.779	ng		100
81) Benzo(a)anthracene	21.74	228	775620	41.022	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	293643	44.155	ng		99
83) Chrysene	21.82	228	737396	40.754	ng		98
84) Bis(2-ethylhexyl)phthalate	21.62	149	400526	39.596	ng		99
85) Di-n-octyl phthalate	22.86	149	696172	41.324	ng		100
86) Indeno(1,2,3-cd)pyrene	28.92	276	890726	40.187	ng	#	96
88) Benzo(b)fluoranthene	24.03	252	768034	40.397	ng		99
89) Benzo(k)fluoranthene	24.10	252	739733	39.318	ng		99
90) Benzo(a)pyrene	24.94	252	714254	39.377	ng		98
91) Dibenzo(a,h)anthracene	28.99	278	737650	40.698	ng		99
92) Benzo(g,h,i)perylene	30.13	276	719531	40.862	ng		99

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

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