Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
Data File : BG043369.D
Acq On : 29 Oct 2019 11:35
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 29 12:12:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	41606	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	173906	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	125617	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	277018	20.00	ng		0.00
76) Chrysene-d12	21.66	240	289086	20.00	ng		0.00
87) Perylene-d12	24.86	264	349801	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	196083	86.36	ng		0.00
7) Phenol-d6	7.21	99	288582	88.34	ng		0.01
23) Nitrobenzene-d5	9.19	82	275412	81.65	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	188589	78.89	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	751952	82.72	ng		0.00
79) Terphenyl-d14	20.00	244	1297631	84.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	38810	43.863	ng		99
3) Pyridine	3.89	79	102828	46.071	ng		99
4) n-Nitrosodimethylamine	3.81	42	47241	41.945	ng	#	88
6) Aniline	7.35	93	159923	42.497	ng		96
8) 2-Chlorophenol	7.60	128	106089	42.327	ng		97
9) Benzaldehyde	7.16	77	74967	46.696	ng		94
10) Phenol	7.24	94	130678	43.776	ng		100
11) bis(2-Chloroethyl)ether	7.44	93	98686	42.760	ng		97
12) 1,3-Dichlorobenzene	7.91	146	133817	42.613	ng		97
13) 1,4-Dichlorobenzene	8.06	146	133484	42.013	ng		99
14) 1,2-Dichlorobenzene	8.38	146	129595	41.775	ng		99
15) Benzyl Alcohol	8.27	79	97247	42.387	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	138907	41.392	ng		97
17) 2-Methylphenol	8.48	107	94685	43.510	ng		92
18) Hexachloroethane	9.11	117	47966	41.844	ng		99
19) n-Nitroso-di-n-propylamine	8.83	70	89356	42.331	ng		97
20) 3+4-Methylphenols	8.81	107	127882	42.855	ng		93
22) Acetophenone	8.85	105	183718	41.252	ng		98
24) Nitrobenzene	9.23	77	128454	39.975	ng		97
25) Isophorone	9.75	82	244644	39.668	ng		99
26) 2-Nitrophenol	9.95	139	64884	41.824	ng		91
27) 2,4-Dimethylphenol	10.01	122	92859	41.762	ng		97
28) bis(2-Chloroethoxy)methane	10.23	93	138306	40.633	ng		98
29) 2,4-Dichlorophenol	10.49	162	122589	43.029	ng		90
30) 1,2,4-Trichlorobenzene	10.69	180	146253	40.731	ng		97
31) Naphthalene	10.88	128	360635	40.854	ng		99
32) Benzoic acid	10.18	122	61468	38.428	ng		98
33) 4-Chloroaniline	10.99	127	152480	42.140	ng		99
34) Hexachlorobutadiene	11.16	225	108115	40.731	ng		93
35) Caprolactam	11.76	113	38788	39.531	ng	#	82
36) 4-Chloro-3-methylphenol	12.13	107	129224	41.583	ng		94
37) 2-Methylnaphthalene	12.48	142	274015	40.456	ng		97
38) 1-Methylnaphthalene	12.70	142	263867	40.945	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	197234	42.426	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	88385	36.192	ng		96
43) 2,4,6-Trichlorophenol	13.10	196	115270	42.103	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	115289	41.653	ng		94
46) 1,1'-Biphenyl	13.48	154	398227	41.672	ng		99
47) 2-Chloronaphthalene	13.53	162	301199	41.424	ng		99
48) 2-Nitroaniline	13.74	65	88407	40.681	ng		96
49) Acenaphthylene	14.38	152	466946	41.263	ng		100
50) Dimethylphthalate	14.11	163	382313	39.293	ng		100
51) 2,6-Dinitrotoluene	14.22	165	84835	40.134	ng		97
52) Acenaphthene	14.72	154	283226	41.041	ng		99
53) 3-Nitroaniline	14.56	138	83103	40.720	ng		98
54) 2,4-Dinitrophenol	14.76	184	51321	42.624	ng		93
55) Dibenzofuran	15.05	168	450219	40.229	ng		98
56) 4-Nitrophenol	14.90	139	52238	38.196	ng		94
57) 2,4-Dinitrotoluene	15.01	165	119290	39.489	ng		98
58) Fluorene	15.70	166	375148	39.968	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	118867	40.421	ng	#	99
60) Diethylphthalate	15.46	149	380253	38.895	ng		98
61) 4-Chlorophenyl-phenylether	15.69	204	219473	40.081	ng		95
62) 4-Nitroaniline	15.73	138	86572	41.075	ng		97
63) Azobenzene	15.98	77	315741	39.905	ng		97
65) 4,6-Dinitro-2-methylphenol	15.78	198	61467	37.704	ng		97
66) n-Nitrosodiphenylamine	15.90	169	326702	41.773	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	158450	42.502	ng		98
68) Hexachlorobenzene	16.71	284	180302	42.133	ng		98
69) Atrazine	16.85	200	103086	37.933	ng		96
70) Pentachlorophenol	17.06	266	80457	41.262	ng		97
71) Phenanthrene	17.44	178	589135	41.531	ng		99
72) Anthracene	17.53	178	589529	41.537	ng		100
73) Carbazole	17.80	167	525944	40.921	ng		99
74) Di-n-butylphthalate	18.35	149	637219	40.861	ng		99
75) Fluoranthene	19.45	202	744826	40.275	ng		100
77) Benzidine	19.63	184	231744	39.833	ng		98
78) Pyrene	19.81	202	744921	41.629	ng		100
80) Butylbenzylphthalate	20.69	149	289212	42.661	ng		96
81) Benzo(a)anthracene	21.64	228	767440	42.381	ng		98
82) 3,3'-Dichlorobenzidine	21.56	252	303964	43.399	ng		98
83) Chrysene	21.71	228	753083	41.857	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	412714	42.856	ng		98
85) Di-n-octyl phthalate	22.74	149	708816	43.384	ng		99
86) Indeno(1,2,3-cd)pyrene	28.50	276	986283	43.671	ng	#	97
88) Benzo(b)fluoranthene	23.85	252	814082	41.091	ng		99
89) Benzo(k)fluoranthene	23.91	252	838276	42.030	ng		99
90) Benzo(a)pyrene	24.71	252	786636	41.580	ng		100
91) Dibenzo(a,h)anthracene	28.57	278	810448	41.881	ng		99
92) Benzo(g,h,i)perylene	29.63	276	793479	41.570	ng		95

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

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