Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021720\
Data File : BG044450.D
Acq On : 17 Feb 2020 17:01
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 18 06:04:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	74626	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	295182	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	184248	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	398234	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	371010	20.00	ng	-0.02
87) Perylene-d12	24.60	264	412808	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	362469	85.72	ng	-0.01
7) Phenol-d6	7.07	99	475237	83.69	ng	-0.01
23) Nitrobenzene-d5	9.05	82	436553	83.49	ng	-0.01
42) 2,4,6-Tribromophenol	16.02	330	182800	84.51	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	975562	88.66	ng	-0.01
79) Terphenyl-d14	19.89	244	1400006	77.62	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	80393	42.32	ng	100
3) Pyridine	3.76	79	227355	44.92	ng	98
4) n-Nitrosodimethylamine	3.67	42	83949	39.69	ng	95
6) Aniline	7.21	93	289488	41.07	ng	99
8) 2-Chlorophenol	7.46	128	192534	41.43	ng	99
9) Benzaldehyde	7.02	77	126203	39.02	ng	96
10) Phenol	7.09	94	233391	41.53	ng	100
11) bis(2-Chloroethyl)ether	7.31	93	194455	40.48	ng	96
12) 1,3-Dichlorobenzene	7.78	146	231809	41.78	ng	96
13) 1,4-Dichlorobenzene	7.93	146	232294	42.27	ng	99
14) 1,2-Dichlorobenzene	8.25	146	217280	41.83	ng	97
15) Benzyl Alcohol	8.13	79	163320	40.63	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.42	45	265825	40.88	ng	99
17) 2-Methylphenol	8.34	107	163682	40.82	ng	98
18) Hexachloroethane	8.97	117	83950	40.71	ng	95
19) n-Nitroso-di-n-propylamine	8.70	70	151104	39.93	ng	97
20) 3+4-Methylphenols	8.67	107	225364	40.79	ng	99
22) Acetophenone	8.71	105	299002	41.64	ng	100
24) Nitrobenzene	9.09	77	211799	41.49	ng	99
25) Isophorone	9.61	82	402580	41.31	ng	99
26) 2-Nitrophenol	9.80	139	114136	43.09	ng	99
27) 2,4-Dimethylphenol	9.87	122	157934	42.24	ng	99
28) bis(2-Chloroethoxy)methane	10.10	93	267043	41.08	ng	99
29) 2,4-Dichlorophenol	10.34	162	189997	42.03	ng	98
30) 1,2,4-Trichlorobenzene	10.56	180	218432	42.14	ng	99
31) Naphthalene	10.74	128	601706	42.01	ng	99
32) Benzoic acid	10.03	122	65016	32.78	ng	97
33) 4-Chloroaniline	10.85	127	269189	41.33	ng	98
34) Hexachlorobutadiene	11.04	225	135310	42.42	ng	98
35) Caprolactam	11.61	113	67994	41.06	ng	98
36) 4-Chloro-3-methylphenol	11.98	107	193300	40.78	ng	99
37) 2-Methylnaphthalene	12.35	142	441021	41.48	ng	99
38) 1-Methylnaphthalene	12.57	142	417808	41.68	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	238822	43.33	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	87053	32.92	ng	98
43) 2,4,6-Trichlorophenol	12.96	196	153707	43.15	ng	97
44) 2,4,5-Trichlorophenol	13.04	196	156830	43.10	ng	99
46) 1,1'-Biphenyl	13.36	154	573093	43.12	ng	98
47) 2-Chloronaphthalene	13.40	162	452457	42.78	ng	98
48) 2-Nitroaniline	13.60	65	128892	41.30	ng	99
49) Acenaphthylene	14.25	152	669109	43.14	ng	99
50) Dimethylphthalate	13.99	163	557258	42.08	ng	99
51) 2,6-Dinitrotoluene	14.10	165	122261	41.40	ng	98
52) Acenaphthene	14.60	154	424130	42.18	ng	98
53) 3-Nitroaniline	14.43	138	134189	41.07	ng	100
54) 2,4-Dinitrophenol	14.64	184	57628	37.42	ng	98
55) Dibenzofuran	14.93	168	651005	42.77	ng	98
56) 4-Nitrophenol	14.75	139	95900	40.07	ng	97
57) 2,4-Dinitrotoluene	14.89	165	172614	41.71	ng	97
58) Fluorene	15.58	166	515248	42.97	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	136426	41.51	ng	100
60) Diethylphthalate	15.36	149	548934	41.60	ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	274485	42.22	ng	99
62) 4-Nitroaniline	15.60	138	135550	41.52	ng	97
63) Azobenzene	15.87	77	474843	41.05	ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	92447	42.05	ng	99
66) n-Nitrosodiphenylamine	15.78	169	465111	41.68	ng	99
67) 4-Bromophenyl-phenylether	16.47	248	180655	41.64	ng	98
68) Hexachlorobenzene	16.59	284	203544	41.87	ng	99
69) Atrazine	16.74	200	149029	38.96	ng	98
70) Pentachlorophenol	16.94	266	88697	37.81	ng	95
71) Phenanthrene	17.32	178	827813	42.93	ng	98
72) Anthracene	17.41	178	816916	42.85	ng	98
73) Carbazole	17.68	167	754113	42.91	ng	98
74) Di-n-butylphthalate	18.24	149	934317	43.02	ng	99
75) Fluoranthene	19.33	202	961240	43.09	ng	99
77) Benzidine	19.50	184	415684	40.39	ng	98
78) Pyrene	19.69	202	971185	40.76	ng	97
80) Butylbenzylphthalate	20.58	149	439110	40.44	ng	99
81) Benzo(a)anthracene	21.50	228	944736	41.32	ng	98
82) 3,3'-Dichlorobenzidine	21.42	252	369486	41.63	ng	99
83) Chrysene	21.57	228	909177	41.14	ng	97
84) Bis(2-ethylhexyl)phthalate	21.42	149	606353	40.57	ng	98
85) Di-n-octyl phthalate	22.58	149	1077377	41.66	ng	99
86) Indeno(1,2,3-cd)pyrene	28.08	276	1163219	40.34	ng	99
88) Benzo(b)fluoranthene	23.62	252	1019467	42.86	ng	98
89) Benzo(k)fluoranthene	23.69	252	979410	42.24	ng	99
90) Benzo(a)pyrene	24.45	252	955066	42.46	ng	100
91) Dibenzo(a,h)anthracene	28.14	278	950938	42.72	ng	100
92) Benzo(g,h,i)perylene	29.17	276	942710	42.31	ng	98

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

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