Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091120\
Data File : BG046594.D
Acq On : 11 Sep 2020 13:25
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 11 14:35:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	97917	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	387456	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	261872	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	589444	20.00	ng	0.00
76) Chrysene-d12	21.55	240	573519	20.00	ng	0.00
86) Perylene-d12	24.65	264	603607	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	414791	75.03	ng	0.00
7) Phenol-d6	7.10	99	596775	76.15	ng	0.00
23) Nitrobenzene-d5	9.08	82	522390	77.06	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	264179	74.45	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1309557	76.34	ng	0.00
79) Terphenyl-d14	19.92	244	1954428	72.52	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	87204	37.915	ng	99
3) Pyridine	3.82	79	257436	38.256	ng	97
4) n-Nitrosodimethylamine	3.73	42	98389	39.642	ng	96
6) Aniline	7.25	93	336654	38.174	ng	100
8) 2-Chlorophenol	7.50	128	221147	37.849	ng	98
9) Benzaldehyde	7.06	77	168315	38.334	ng	96
10) Phenol	7.13	94	277983	38.511	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	219294	37.796	ng	99
12) 1,3-Dichlorobenzene	7.82	146	283468	38.212	ng	99
13) 1,4-Dichlorobenzene	7.96	146	284838	38.353	ng	99
14) 1,2-Dichlorobenzene	8.28	146	271413	38.114	ng	99
15) Benzyl Alcohol	8.17	79	200010	39.752	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	351461	39.052	ng	99
17) 2-Methylphenol	8.38	107	199685	39.008	ng	98
18) Hexachloroethane	9.01	117	98054	38.939	ng	98
19) n-Nitroso-di-n-propylamine	8.74	70	182853	39.006	ng	99
20) 3+4-Methylphenols	8.70	107	275038	38.925	ng	98
22) Acetophenone	8.75	105	361864	38.368	ng	100
24) Nitrobenzene	9.12	77	254638	38.021	ng	99
25) Isophorone	9.65	82	485564	39.069	ng	97
26) 2-Nitrophenol	9.83	139	139641	39.519	ng	96
27) 2,4-Dimethylphenol	9.91	122	187780	38.638	ng	95
28) bis(2-Chloroethoxy)methane	10.13	93	311826	38.980	ng	98
29) 2,4-Dichlorophenol	10.38	162	255024	39.363	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	292723	38.080	ng	99
31) Naphthalene	10.77	128	719922	38.055	ng	99
32) Benzoic acid	10.07	122	104284	33.006	ng	99
33) 4-Chloroaniline	10.88	127	320185	38.382	ng	99
34) Hexachlorobutadiene	11.07	225	198277	39.734	ng	100
35) Caprolactam	11.66	113	85174	35.170	ng	97
36) 4-Chloro-3-methylphenol	12.01	107	246703	38.933	ng	94
37) 2-Methylnaphthalene	12.38	142	570107	38.210	ng	99
38) 1-Methylnaphthalene	12.60	142	537467	38.030	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	341694	39.568	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	223469	59.513 ng	97
43) 2,4,6-Trichlorophenol	12.99	196	228142	39.149 ng	98
44) 2,4,5-Trichlorophenol	13.07	196	231987	37.889 ng	99
46) 1,1'-Biphenyl	13.39	154	710068	38.973 ng	98
47) 2-Chloronaphthalene	13.43	162	599857	38.831 ng	99
48) 2-Nitroaniline	13.63	65	168628	39.312 ng	97
49) Acenaphthylene	14.28	152	904764	38.611 ng	99
50) Dimethylphthalate	14.02	163	753315	37.183 ng	99
51) 2,6-Dinitrotoluene	14.13	165	169368	37.924 ng	98
52) Acenaphthene	14.62	154	551545	37.983 ng	100
53) 3-Nitroaniline	14.46	138	181274	37.472 ng	97
54) 2,4-Dinitrophenol	14.67	184	124747	47.854 ng	97
55) Dibenzofuran	14.96	168	880820	37.797 ng	99
56) 4-Nitrophenol	14.78	139	125042	35.122 ng	97
57) 2,4-Dinitrotoluene	14.92	165	240060	37.698 ng	99
58) Fluorene	15.60	166	719131	36.768 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	226754	38.137 ng	99
60) Diethylphthalate	15.38	149	723768	36.641 ng	98
61) 4-Chlorophenyl-phenylether	15.60	204	400826	37.211 ng	97
62) 4-Nitroaniline	15.63	138	185874	36.415 ng	97
63) Azobenzene	15.89	77	600306	37.360 ng	97
65) 4,6-Dinitro-2-methylphenol	15.69	198	134679	40.368 ng	99
66) n-Nitrosodiphenylamine	15.82	169	637898	40.114 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	284695	41.399 ng	98
68) Hexachlorobenzene	16.62	284	303259	39.818 ng	97
69) Atrazine	16.76	200	251559	38.777 ng	97
70) Pentachlorophenol	16.96	266	155059	38.967 ng	98
71) Phenanthrene	17.34	178	1144682	38.313 ng	99
72) Anthracene	17.43	178	1129051	38.302 ng	98
73) Carbazole	17.70	167	1042065	37.442 ng	100
74) Di-n-butylphthalate	18.27	149	1201738	37.550 ng	99
75) Fluoranthene	19.35	202	1388413	36.111 ng	100
77) Benzidine	19.53	184	608154	45.634 ng	99
78) Pyrene	19.72	202	1380432	37.798 ng	99
80) Butylbenzylphthalate	20.60	149	556622	39.074 ng	97
81) Benzo(a)anthracene	21.53	228	1346605	37.670 ng	100
82) 3,3'-Dichlorobenzidine	21.44	252	509001	38.369 ng	99
83) Chrysene	21.60	228	1306139	37.985 ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	755636	38.870 ng	100
85) Di-n-octyl phthalate	22.62	149	1304997	39.204 ng	100
87) Indeno(1,2,3-cd)pyrene	28.17	276	1633960	37.690 ng	99
88) Benzo(b)fluoranthene	23.67	252	1432023	37.995 ng	97
89) Benzo(k)fluoranthene	23.74	252	1326755	36.424 ng	99
90) Benzo(a)pyrene	24.51	252	1326488	37.713 ng	98
91) Dibenzo(a,h)anthracene	28.22	278	1316471	37.631 ng	99
92) Benzo(g,h,i)perylene	29.26	276	1314116	37.616 ng	98

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

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