Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091020\
Data File : BG046582.D
Acq On : 10 Sep 2020 12:54
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 10 15:27:06 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	90546	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	360893	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	243945	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	547065	20.00	ng	0.00
76) Chrysene-d12	21.55	240	522365	20.00	ng	0.00
86) Perylene-d12	24.65	264	554475	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	385428	75.39	ng	0.00
7) Phenol-d6	7.10	99	552867	76.29	ng	0.00
23) Nitrobenzene-d5	9.08	82	486778	77.09	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	247926	75.01	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1245643	77.95	ng	0.00
79) Terphenyl-d14	19.92	244	1829805	74.55	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	75105	35.313	ng	98
3) Pyridine	3.81	79	231637	37.224	ng	98
4) n-Nitrosodimethylamine	3.73	42	89117	38.829	ng	100
6) Aniline	7.25	93	314395	38.552	ng	100
8) 2-Chlorophenol	7.50	128	207620	38.426	ng	99
9) Benzaldehyde	7.07	77	160623	39.560	ng	94
10) Phenol	7.13	94	255548	38.285	ng	97
11) bis(2-Chloroethyl)ether	7.35	93	208930	38.941	ng	98
12) 1,3-Dichlorobenzene	7.82	146	267219	38.954	ng	100
13) 1,4-Dichlorobenzene	7.97	146	265457	38.653	ng	98
14) 1,2-Dichlorobenzene	8.28	146	256582	38.965	ng	99
15) Benzyl Alcohol	8.17	79	186074	39.992	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.45	45	327822	39.391	ng	100
17) 2-Methylphenol	8.38	107	184271	38.927	ng	98
18) Hexachloroethane	9.01	117	92384	39.674	ng	97
19) n-Nitroso-di-n-propylamine	8.74	70	170686	39.375	ng	97
20) 3+4-Methylphenols	8.71	107	254117	38.892	ng	99
22) Acetophenone	8.75	105	335562	38.198	ng	99
24) Nitrobenzene	9.13	77	239358	38.370	ng	98
25) Isophorone	9.65	82	455467	39.344	ng	98
26) 2-Nitrophenol	9.84	139	130382	39.614	ng	97
27) 2,4-Dimethylphenol	9.90	122	175984	38.876	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	294026	39.461	ng	99
29) 2,4-Dichlorophenol	10.38	162	235711	39.060	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	279151	38.987	ng	98
31) Naphthalene	10.77	128	679532	38.564	ng	99
32) Benzoic acid	10.06	122	101633	34.122	ng	98
33) 4-Chloroaniline	10.88	127	299538	38.550	ng	98
34) Hexachlorobutadiene	11.07	225	186824	40.194	ng	99
35) Caprolactam	11.66	113	79658	35.313	ng	96
36) 4-Chloro-3-methylphenol	12.01	107	226935	38.449	ng	96
37) 2-Methylnaphthalene	12.38	142	535407	38.526	ng	100
38) 1-Methylnaphthalene	12.60	142	505654	38.412	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	322855	40.134	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	173657	49.646 ng	97
43) 2,4,6-Trichlorophenol	12.99	196	214164	39.451 ng	99
44) 2,4,5-Trichlorophenol	13.07	196	217066	38.057 ng	98
46) 1,1'-Biphenyl	13.39	154	668656	39.397 ng	99
47) 2-Chloronaphthalene	13.44	162	560600	38.957 ng	99
48) 2-Nitroaniline	13.64	65	157195	39.340 ng	99
49) Acenaphthylene	14.28	152	840955	38.525 ng	100
50) Dimethylphthalate	14.02	163	703972	37.301 ng	99
51) 2,6-Dinitrotoluene	14.13	165	158517	38.103 ng	99
52) Acenaphthene	14.62	154	517488	38.256 ng	98
53) 3-Nitroaniline	14.46	138	165805	36.793 ng	99
54) 2,4-Dinitrophenol	14.68	184	90008	37.065 ng	96
55) Dibenzofuran	14.96	168	822180	37.874 ng	99
56) 4-Nitrophenol	14.78	139	117069	35.299 ng	99
57) 2,4-Dinitrotoluene	14.92	165	219744	37.044 ng	97
58) Fluorene	15.61	166	671817	36.873 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	213349	38.520 ng	98
60) Diethylphthalate	15.38	149	676614	36.771 ng	100
61) 4-Chlorophenyl-phenylether	15.60	204	378983	37.768 ng	98
62) 4-Nitroaniline	15.63	138	170604	35.880 ng	97
63) Azobenzene	15.89	77	559916	37.407 ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	127532	41.187 ng	100
66) n-Nitrosodiphenylamine	15.82	169	595594	40.355 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	264705	41.474 ng	97
68) Hexachlorobenzene	16.62	284	281438	39.816 ng	98
69) Atrazine	16.77	200	235854	39.173 ng	99
70) Pentachlorophenol	16.96	266	146092	39.558 ng	99
71) Phenanthrene	17.34	178	1066796	38.472 ng	99
72) Anthracene	17.44	178	1051170	38.422 ng	99
73) Carbazole	17.70	167	970603	37.576 ng	99
74) Di-n-butylphthalate	18.27	149	1124753	37.867 ng	99
75) Fluoranthene	19.35	202	1289245	36.129 ng	99
77) Benzidine	19.53	184	598306	49.291 ng	99
78) Pyrene	19.72	202	1293809	38.896 ng	99
80) Butylbenzylphthalate	20.60	149	516977	39.845 ng	96
81) Benzo(a)anthracene	21.53	228	1242615	38.165 ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	472826	39.132 ng	98
83) Chrysene	21.60	228	1208950	38.601 ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	710115	40.105 ng	99
85) Di-n-octyl phthalate	22.62	149	1232452	40.651 ng	100
87) Indeno(1,2,3-cd)pyrene	28.17	276	1512039	37.968 ng	100
88) Benzo(b)fluoranthene	23.67	252	1327032	38.329 ng	98
89) Benzo(k)fluoranthene	23.74	252	1243856	37.174 ng	100
90) Benzo(a)pyrene	24.51	252	1234648	38.213 ng	100
91) Dibenzo(a,h)anthracene	28.22	278	1224207	38.094 ng	99
92) Benzo(g,h,i)perylene	29.26	276	1222310	38.089 ng	99

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

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