Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
Data File : BG046552.D
Acq On : 8 Sep 2020 10:50
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 08 12:36:34 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	111466	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	447803	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	301455	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	669846	20.00	ng		0.00
76) Chrysene-d12	21.56	240	607352	20.00	ng		0.00
86) Perylene-d12	24.65	264	659732	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	439590	69.85	ng		0.00
7) Phenol-d6	7.11	99	643509	72.13	ng		0.00
23) Nitrobenzene-d5	9.09	82	572251	73.04	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	289719	70.93	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	1438249	72.83	ng		0.00
79) Terphenyl-d14	19.92	244	2033397	71.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	84982	32.458	ng		97
3) Pyridine	3.81	79	266472	34.785	ng		99
4) n-Nitrosodimethylamine	3.72	42	104113	36.849	ng		98
6) Aniline	7.26	93	368327	36.689	ng		98
8) 2-Chlorophenol	7.50	128	240635	36.178	ng		100
9) Benzaldehyde	7.07	77	183470	36.706	ng		98
10) Phenol	7.13	94	299656	36.468	ng		99
11) bis(2-Chloroethyl)ether	7.35	93	242407	36.701	ng		98
12) 1,3-Dichlorobenzene	7.82	146	306327	36.274	ng		99
13) 1,4-Dichlorobenzene	7.97	146	307304	36.349	ng		99
14) 1,2-Dichlorobenzene	8.28	146	292556	36.089	ng		98
15) Benzyl Alcohol	8.17	79	222140	38.783	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	391836	38.246	ng		100
17) 2-Methylphenol	8.38	107	216932	37.226	ng		100
18) Hexachloroethane	9.01	117	108124	37.719	ng		95
19) n-Nitroso-di-n-propylamine	8.74	70	202662	37.977	ng		99
20) 3+4-Methylphenols	8.71	107	302422	37.598	ng		99
22) Acetophenone	8.75	105	393952	36.141	ng	#	98
24) Nitrobenzene	9.13	77	284285	36.727	ng		97
25) Isophorone	9.65	82	534383	37.202	ng		99
26) 2-Nitrophenol	9.84	139	155067	37.970	ng		96
27) 2,4-Dimethylphenol	9.91	122	207850	37.004	ng		97
28) bis(2-Chloroethoxy)methane	10.13	93	344445	37.255	ng		98
29) 2,4-Dichlorophenol	10.38	162	278149	37.147	ng		97
30) 1,2,4-Trichlorobenzene	10.59	180	327188	36.827	ng		99
31) Naphthalene	10.78	128	792957	36.267	ng		99
32) Benzoic acid	10.08	122	124742	33.850	ng		97
33) 4-Chloroaniline	10.88	127	352783	36.591	ng		99
34) Hexachlorobutadiene	11.07	225	220663	38.261	ng		98
35) Caprolactam	11.67	113	95200	34.013	ng		98
36) 4-Chloro-3-methylphenol	12.02	107	268566	36.671	ng		93
37) 2-Methylnaphthalene	12.39	142	627158	36.370	ng		99
38) 1-Methylnaphthalene	12.60	142	596169	36.498	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	383833	38.612	ng		100

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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)
41) Hexachlorocyclopentadiene	12.74	237	172205	39.839 ng	99
43) 2,4,6-Trichlorophenol	13.00	196	257228	38.344 ng	97
44) 2,4,5-Trichlorophenol	13.07	196	257821	36.579 ng	99
46) 1,1'-Biphenyl	13.40	154	785507	37.452 ng	99
47) 2-Chloronaphthalene	13.44	162	658061	37.006 ng	98
48) 2-Nitroaniline	13.64	65	187050	37.881 ng	97
49) Acenaphthylene	14.28	152	989814	36.694 ng	99
50) Dimethylphthalate	14.02	163	815695	34.975 ng	99
51) 2,6-Dinitrotoluene	14.14	165	184612	35.910 ng	99
52) Acenaphthene	14.63	154	610891	36.546 ng	99
53) 3-Nitroaniline	14.47	138	198037	35.562 ng	97
54) 2,4-Dinitrophenol	14.68	184	108881	36.284 ng	96
55) Dibenzofuran	14.96	168	958196	35.719 ng	98
56) 4-Nitrophenol	14.78	139	141304	34.478 ng	97
57) 2,4-Dinitrotoluene	14.92	165	259306	35.374 ng	97
58) Fluorene	15.61	166	782711	34.764 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	250370	36.580 ng	98
60) Diethylphthalate	15.38	149	794657	34.947 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	445996	35.967 ng	97
62) 4-Nitroaniline	15.63	138	201021	34.211 ng	97
63) Azobenzene	15.89	77	659369	35.648 ng	97
65) 4,6-Dinitro-2-methylphenol	15.69	198	151356	39.921 ng	95
66) n-Nitrosodiphenylamine	15.82	169	696900	38.564 ng	98
67) 4-Bromophenyl-phenylether	16.49	248	312857	40.033 ng	97
68) Hexachlorobenzene	16.62	284	330502	38.186 ng	98
69) Atrazine	16.77	200	270832	36.737 ng	99
70) Pentachlorophenol	16.96	266	174699	38.633 ng	98
71) Phenanthrene	17.35	178	1219773	35.926 ng	98
72) Anthracene	17.44	178	1207264	36.039 ng	98
73) Carbazole	17.71	167	1102959	34.873 ng	99
74) Di-n-butylphthalate	18.27	149	1278396	35.151 ng	99
75) Fluoranthene	19.36	202	1451065	33.210 ng	99
77) Benzidine	19.54	184	642753	45.543 ng	98
78) Pyrene	19.72	202	1435734	37.123 ng	99
80) Butylbenzylphthalate	20.60	149	569039	37.721 ng	94
81) Benzo(a)anthracene	21.54	228	1379058	36.429 ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	522293	37.178 ng	99
83) Chrysene	21.60	228	1320223	36.255 ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	777595	37.771 ng	99
85) Di-n-octyl phthalate	22.63	149	1337379	37.939 ng	99
87) Indeno(1,2,3-cd)pyrene	28.18	276	1645230	34.722 ng	100
88) Benzo(b)fluoranthene	23.68	252	1439451	34.943 ng	97
89) Benzo(k)fluoranthene	23.74	252	1352949	33.983 ng	98
90) Benzo(a)pyrene	24.51	252	1342167	34.913 ng	99
91) Dibenzo(a,h)anthracene	28.24	278	1333979	34.887 ng	99
92) Benzo(g,h,i)perylene	29.28	276	1329569	34.821 ng	97

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

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