Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100720\
Data File : BG046796.D
Acq On : 7 Oct 2020 9:32
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 07 11:38:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 11:38:17 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.108	152	60094	20.00	ng		0.00
21) Naphthalene-d8	10.922	136	218338	20.00	ng	#	0.00
39) Acenaphthene-d10	14.735	164	153536	20.00	ng		0.00
64) Phenanthrene-d10	17.479	188	372510	20.00	ng		0.00
76) Chrysene-d12	21.757	240	433378	20.00	ng	#	0.00
86) Perylene-d12	25.029	264	442757	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.670	112	291090	77.60	ng		0.00
7) Phenol-d6	7.256	99	421011	79.57	ng		0.00
23) Nitrobenzene-d5	9.271	82	384479	93.68	ng		0.00
42) 2,4,6-Tribromophenol	16.216	330	193188	95.43	ng		0.00
45) 2-Fluorobiphenyl	13.361	172	871622	80.37	ng		0.00
79) Terphenyl-d14	20.082	244	1680284	77.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.572	88	64372	36.78	ng	#	92
3) Pyridine	3.966	79	193825	39.14	ng		93
4) n-Nitrosodimethylamine	3.877	42	94393	36.43	ng	#	69
6) Aniline	7.432	93	240815	37.66	ng		94
8) 2-Chlorophenol	7.673	128	141752	37.92	ng		93
9) Benzaldehyde	7.244	77	118617	40.77	ng		88
10) Phenol	7.285	94	201136	38.19	ng		81
11) bis(2-Chloroethyl)ether	7.526	93	149667	36.77	ng		93
12) 1,3-Dichlorobenzene	8.002	146	191495	39.67	ng	#	93
13) 1,4-Dichlorobenzene	8.149	146	187415	39.18	ng		97
14) 1,2-Dichlorobenzene	8.466	146	177155	39.71	ng		98
15) Benzyl Alcohol	8.343	79	158534	36.44	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.637	45	234434	32.82	ng		99
17) 2-Methylphenol	8.543	107	127986	37.84	ng	#	86
18) Hexachloroethane	9.201	117	69034	38.26	ng		95
19) n-Nitroso-di-n-propyla...	8.913	70	135114	37.24	ng		93
20) 3+4-Methylphenols	8.866	107	177212	38.44	ng		91
22) Acetophenone	8.930	105	242747	38.28	ng	#	92
24) Nitrobenzene	9.318	77	196257	43.81	ng		89
25) Isophorone	9.835	82	335424	37.44	ng		95
26) 2-Nitrophenol	10.023	139	84854	52.40	ng	#	80
27) 2,4-Dimethylphenol	10.076	122	125064	38.63	ng		88
28) bis(2-Chloroethoxy)met...	10.317	93	207558	37.56	ng		95
29) 2,4-Dichlorophenol	10.564	162	160864	41.31	ng		95
30) 1,2,4-Trichlorobenzene	10.781	180	193802	41.69	ng		98
31) Naphthalene	10.975	128	482627	40.75	ng		98
32) Benzoic acid	10.194	122	113241	49.86	ng	#	83
33) 4-Chloroaniline	11.069	127	205249	39.13	ng	#	92
34) Hexachlorobutadiene	11.263	225	143874	42.22	ng		100
35) Caprolactam	11.839	113	53888	40.86	ng	#	86
36) 4-Chloro-3-methylphenol	12.180	107	164689	39.34	ng		90
37) 2-Methylnaphthalene	12.567	142	356223	40.57	ng	#	93
38) 1-Methylnaphthalene	12.791	142	332721	40.83	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.932	216	231072	41.87	ng		98
41) Hexachlorocyclopentadiene	12.914	237	117525	36.61	ng		98
43) 2,4,6-Trichlorophenol	13.167	196	149254	43.00	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.237	196	156040	44.67	ng	#	94
46) 1,1'-Biphenyl	13.572	154	469792	39.80	ng		94
47) 2-Chloronaphthalene	13.613	162	384870	40.12	ng		97
48) 2-Nitroaniline	13.807	65	131527	51.65	ng	#	77
49) Acenaphthylene	14.459	152	565434	40.06	ng		98
50) Dimethylphthalate	14.183	163	496622	40.50	ng		97
51) 2,6-Dinitrotoluene	14.301	165	103592	51.98	ng	#	73
52) Acenaphthene	14.800	154	396457	41.35	ng		98
53) 3-Nitroaniline	14.630	138	112288	49.85	ng		88
54) 2,4-Dinitrophenol	14.829	184	60193	55.30	ng	#	71
55) Dibenzofuran	15.129	168	587301	40.58	ng		97
56) 4-Nitrophenol	14.923	139	92830	50.04	ng	#	77
57) 2,4-Dinitrotoluene	15.082	165	150245	56.93	ng	#	78
58) Fluorene	15.781	166	470397	40.58	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.352	232	159056	45.55	ng	#	95
60) Diethylphthalate	15.546	149	477792	38.75	ng		97
61) 4-Chlorophenyl-phenyle...	15.769	204	274778	41.52	ng		95
62) 4-Nitroaniline	15.787	138	123689	49.46	ng	#	66
63) Azobenzene	16.063	77	453374	37.41	ng		91
65) 4,6-Dinitro-2-methylph...	15.846	198	83611	54.07	ng		83
66) n-Nitrosodiphenylamine	15.981	169	429031	38.34	ng		97
67) 4-Bromophenyl-phenylether	16.663	248	185259	39.36	ng	#	93
68) Hexachlorobenzene	16.780	284	203951	40.27	ng		92
69) Atrazine	16.927	200	174530	38.82	ng		98
70) Pentachlorophenol	17.121	266	132774	45.42	ng	#	87
71) Phenanthrene	17.520	178	812093	40.15	ng		99
72) Anthracene	17.608	178	795112	39.84	ng		98
73) Carbazole	17.873	167	730496	40.22	ng		99
74) Di-n-butylphthalate	18.437	149	851792	38.16	ng	#	97
75) Fluoranthene	19.524	202	1074319	41.71	ng		97
77) Benzidine	19.700	184	522417	39.11	ng		99
78) Pyrene	19.882	202	1093641	39.26	ng		98
80) Butylbenzylphthalate	20.769	149	429248	39.88	ng		92
81) Benzo(a)anthracene	21.733	228	1163119	40.20	ng		98
82) 3,3'-Dichlorobenzidine	21.645	252	447962	39.89	ng	#	98
83) Chrysene	21.804	228	1105023	39.97	ng		99
84) Bis(2-ethylhexyl)phtha...	21.639	149	606991	38.39	ng		97
85) Di-n-octyl phthalate	22.873	149	1048627	38.56	ng	#	96
87) Indeno(1,2,3-cd)pyrene	28.766	276	1338406	40.86	ng	#	89
88) Benzo(b)fluoranthene	23.989	252	1206785	41.59	ng	#	96
89) Benzo(k)fluoranthene	24.060	252	1141645	40.93	ng	#	97
90) Benzo(a)pyrene	24.876	252	1107124	40.55	ng	#	98
91) Dibenzo(a,h)anthracene	28.836	278	1090727	40.71	ng	#	97
92) Benzo(g,h,i)perylene	29.929	276	1064184	40.61	ng	#	94

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

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