Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
Data File : BG037756.D
Acq On : 2 Nov 2018 16:02
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 02 22:05:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	63460	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	285606	20.00	ng	-0.01
39) Acenaphthene-d10	14.74	164	182022	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	395404	20.00	ng	0.00
76) Chrysene-d12	21.77	240	360855	20.00	ng	0.00
87) Perylene-d12	25.09	264	367447	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	301040	79.31	ng	0.00
7) Phenol-d6	7.24	99	439361	76.55	ng	-0.01
23) Nitrobenzene-d5	9.28	82	412628	80.93	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	159347	80.26	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	973753	80.67	ng	-0.01
79) Terphenyl-d14	20.08	244	1346319	79.72	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	72690	37.762	ng	98
3) Pyridine	3.93	79	182305	37.575	ng	94
4) n-Nitrosodimethylamine	3.86	42	64941	37.579	ng	91
6) Aniline	7.43	93	272064	38.855	ng	97
8) 2-Chlorophenol	7.66	128	177888	40.060	ng	98
9) Benzaldehyde	7.24	77	125466	34.945	ng	94
10) Phenol	7.27	94	231269	38.188	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	174801	38.004	ng	98
12) 1,3-Dichlorobenzene	7.99	146	199481	40.352	ng	98
13) 1,4-Dichlorobenzene	8.14	146	203072	40.159	ng	99
14) 1,2-Dichlorobenzene	8.46	146	193672	39.815	ng	98
15) Benzyl Alcohol	8.34	79	162502	38.316	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	315154	38.294	ng	96
17) 2-Methylphenol	8.53	107	153198	38.264	ng	98
18) Hexachloroethane	9.18	117	71461	41.452	ng	91
19) n-Nitroso-di-n-propylamine	8.90	70	146569	37.083	ng	96
20) 3+4-Methylphenols	8.86	107	218384	38.151	ng	98
22) Acetophenone	8.93	105	273789	38.223	ng	96
24) Nitrobenzene	9.32	77	212353	40.093	ng	93
25) Isophorone	9.84	82	358771	38.513	ng	96
26) 2-Nitrophenol	10.03	139	109053	45.705	ng	99
27) 2,4-Dimethylphenol	10.07	122	163495	38.378	ng	95
28) bis(2-Chloroethoxy)methane	10.32	93	234959	38.496	ng	95
29) 2,4-Dichlorophenol	10.56	162	190466	40.155	ng	98
30) 1,2,4-Trichlorobenzene	10.78	180	213592	41.408	ng	99
31) Naphthalene	10.97	128	562065	40.067	ng	99
32) Benzoic acid	10.19	122	108398	39.175	ng	99
33) 4-Chloroaniline	11.08	127	255397	38.748	ng	98
34) Hexachlorobutadiene	11.23	225	130283	42.616	ng	98
35) Caprolactam	11.87	113	73616	38.697	ng	92
36) 4-Chloro-3-methylphenol	12.18	107	204043	38.144	ng	99
37) 2-Methylnaphthalene	12.57	142	408056	39.904	ng	100
38) 1-Methylnaphthalene	12.79	142	390921	39.364	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	246577	41.998	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	123725	44.116	ng		96
43) 2,4,6-Trichlorophenol	13.17	196	162419	41.408	ng		99
44) 2,4,5-Trichlorophenol	13.24	196	169981	39.802	ng		98
46) 1,1'-Biphenyl	13.57	154	608510	40.367	ng		99
47) 2-Chloronaphthalene	13.61	162	461411	40.458	ng		98
48) 2-Nitroaniline	13.83	65	139822	40.429	ng		90
49) Acenaphthylene	14.46	152	683782	39.858	ng		99
50) Dimethylphthalate	14.18	163	548017	38.917	ng		100
51) 2,6-Dinitrotoluene	14.31	165	125198	40.190	ng		94
52) Acenaphthene	14.80	154	413943	39.179	ng		98
53) 3-Nitroaniline	14.65	138	136105	39.357	ng	#	93
54) 2,4-Dinitrophenol	14.85	184	37624	41.072	ng		96
55) Dibenzofuran	15.13	168	672528	38.419	ng		99
56) 4-Nitrophenol	14.94	139	90649	35.413	ng		95
57) 2,4-Dinitrotoluene	15.09	165	170619	41.725	ng		96
58) Fluorene	15.78	166	505422	38.556	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	139187	38.065	ng		99
60) Diethylphthalate	15.54	149	556691	38.507	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	300089	39.275	ng		97
62) 4-Nitroaniline	15.81	138	134410	39.115	ng		88
63) Azobenzene	16.06	77	517332	37.505	ng		99
65) 4,6-Dinitro-2-methylphenol	15.85	198	86794	42.924	ng		95
66) n-Nitrosodiphenylamine	15.98	169	493384	41.482	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	178651	41.143	ng		98
68) Hexachlorobenzene	16.78	284	180966	40.212	ng		97
69) Atrazine	16.92	200	167936	39.053	ng		97
70) Pentachlorophenol	17.12	266	120703	40.042	ng		96
71) Phenanthrene	17.52	178	803925	40.005	ng		99
72) Anthracene	17.62	178	798901	40.510	ng		98
73) Carbazole	17.89	167	798865	40.496	ng		99
74) Di-n-butylphthalate	18.42	149	901932	41.101	ng		100
75) Fluoranthene	19.53	202	915818	40.181	ng		100
77) Benzidine	19.71	184	420149	34.242	ng		99
78) Pyrene	19.89	202	930341	39.439	ng		100
80) Butylbenzylphthalate	20.76	149	408101	42.271	ng		98
81) Benzo(a)anthracene	21.75	228	854791	40.048	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	334776	40.465	ng		99
83) Chrysene	21.82	228	824640	40.179	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	576014	42.565	ng		99
85) Di-n-octyl phthalate	22.86	149	956131	43.328	ng		97
86) Indeno(1,2,3-cd)pyrene	28.92	276	744388	33.815	ng	#	93
88) Benzo(b)fluoranthene	24.03	252	788015	39.118	ng		99
89) Benzo(k)fluoranthene	24.10	252	834482	42.281	ng		98
90) Benzo(a)pyrene	24.94	252	759250	39.664	ng		98
91) Dibenzo(a,h)anthracene	28.99	278	567111	32.118	ng		98
92) Benzo(g,h,i)perylene	30.12	276	581646	32.560	ng		98

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

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