Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
Data File : BG037462.D
Acq On : 19 Oct 2018 20:30
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Oct 19 23:08:58 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	8.11	152	58381	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	269386	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	183892	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	434818	20.00	ng		0.00
76) Chrysene-d12	21.78	240	389152	20.00	ng		0.00
87) Perylene-d12	25.11	264	414850	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	273699	78.38	ng		0.00
7) Phenol-d6	7.25	99	413283	78.27	ng		0.00
23) Nitrobenzene-d5	9.28	82	387813	80.65	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	164674	82.10	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	934760	76.65	ng		0.00
79) Terphenyl-d14	20.09	244	1432305	78.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	69583	39.293	ng		97
3) Pyridine	3.94	79	177244	39.710	ng		96
4) n-Nitrosodimethylamine	3.86	42	62920	39.577	ng	#	95
6) Aniline	7.43	93	253196	39.306	ng		98
8) 2-Chlorophenol	7.66	128	159522	39.050	ng		97
9) Benzaldehyde	7.25	77	127314	38.544	ng		94
10) Phenol	7.27	94	219041	39.316	ng		99
11) bis(2-Chloroethyl)ether	7.53	93	167796	39.655	ng		95
12) 1,3-Dichlorobenzene	7.99	146	178537	39.257	ng		98
13) 1,4-Dichlorobenzene	8.14	146	181399	38.994	ng		99
14) 1,2-Dichlorobenzene	8.46	146	175005	39.108	ng		99
15) Benzyl Alcohol	8.34	79	155817	39.937	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.63	45	302932	40.011	ng		97
17) 2-Methylphenol	8.54	107	144954	39.355	ng		97
18) Hexachloroethane	9.20	117	63353	39.946	ng		95
19) n-Nitroso-di-n-propylamine	8.91	70	144028	39.611	ng		97
20) 3+4-Methylphenols	8.87	107	208363	39.567	ng		97
22) Acetophenone	8.94	105	263739	39.037	ng	#	97
24) Nitrobenzene	9.33	77	201386	40.312	ng		97
25) Isophorone	9.84	82	360970	41.082	ng		97
26) 2-Nitrophenol	10.04	139	93748	41.656	ng		97
27) 2,4-Dimethylphenol	10.08	122	159526	39.701	ng		97
28) bis(2-Chloroethoxy)methane	10.32	93	231780	40.262	ng		97
29) 2,4-Dichlorophenol	10.57	162	178350	39.864	ng		99
30) 1,2,4-Trichlorobenzene	10.79	180	191120	39.283	ng		96
31) Naphthalene	10.98	128	517167	39.086	ng		100
32) Benzoic acid	10.21	122	121771	46.658	ng		95
33) 4-Chloroaniline	11.09	127	250207	40.246	ng		97
34) Hexachlorobutadiene	11.25	225	112114	38.881	ng		97
35) Caprolactam	11.88	113	78533	43.767	ng		95
36) 4-Chloro-3-methylphenol	12.19	107	209682	41.558	ng		98
37) 2-Methylnaphthalene	12.57	142	383555	39.766	ng		100
38) 1-Methylnaphthalene	12.80	142	373087	39.830	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	229776	38.738	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	112119	39.571	ng		96
43) 2,4,6-Trichlorophenol	13.17	196	161075	40.647	ng		99
44) 2,4,5-Trichlorophenol	13.24	196	172458	39.972	ng		98
46) 1,1'-Biphenyl	13.58	154	590803	38.794	ng		99
47) 2-Chloronaphthalene	13.63	162	441510	38.320	ng		99
48) 2-Nitroaniline	13.83	65	145882	41.752	ng		95
49) Acenaphthylene	14.47	152	682719	39.391	ng		99
50) Dimethylphthalate	14.19	163	571773	40.192	ng		100
51) 2,6-Dinitrotoluene	14.32	165	131493	41.782	ng		95
52) Acenaphthene	14.81	154	417896	39.150	ng		99
53) 3-Nitroaniline	14.65	138	143805	41.161	ng	#	98
54) 2,4-Dinitrophenol	14.85	184	39414	42.020	ng		96
55) Dibenzofuran	15.14	168	679641	38.430	ng		98
56) 4-Nitrophenol	14.94	139	105407	40.760	ng		95
57) 2,4-Dinitrotoluene	15.10	165	177301	42.918	ng	#	97
58) Fluorene	15.79	166	517066	39.043	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	149026	40.342	ng		99
60) Diethylphthalate	15.55	149	591547	40.502	ng		98
61) 4-Chlorophenyl-phenylether	15.78	204	301551	39.065	ng		98
62) 4-Nitroaniline	15.82	138	145086	41.792	ng		92
63) Azobenzene	16.06	77	545832	39.169	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	84099	38.832	ng		97
66) n-Nitrosodiphenylamine	15.99	169	514320	39.323	ng		100
67) 4-Bromophenyl-phenylether	16.67	248	185266	38.799	ng		98
68) Hexachlorobenzene	16.78	284	190992	38.593	ng		98
69) Atrazine	16.93	200	187924	39.740	ng		97
70) Pentachlorophenol	17.12	266	134414	40.548	ng		99
71) Phenanthrene	17.53	178	861829	38.999	ng		99
72) Anthracene	17.62	178	856515	39.495	ng		97
73) Carbazole	17.89	167	864784	39.864	ng		100
74) Di-n-butylphthalate	18.43	149	988695	40.970	ng		100
75) Fluoranthene	19.53	202	1001847	39.971	ng		99
77) Benzidine	19.71	184	504641	38.137	ng		97
78) Pyrene	19.90	202	1022469	40.192	ng		99
80) Butylbenzylphthalate	20.77	149	436327	41.909	ng		98
81) Benzo(a)anthracene	21.75	228	917641	39.866	ng		98
82) 3,3'-Dichlorobenzidine	21.67	252	354488	39.732	ng		99
83) Chrysene	21.82	228	872714	39.430	ng		98
84) Bis(2-ethylhexyl)phthalate	21.63	149	607254	41.611	ng		99
85) Di-n-octyl phthalate	22.88	149	992452	41.704	ng		98
86) Indeno(1,2,3-cd)pyrene	28.93	276	933247	39.312	ng	#	90
88) Benzo(b)fluoranthene	24.04	252	894007	39.308	ng		98
89) Benzo(k)fluoranthene	24.11	252	867643	38.938	ng		96
90) Benzo(a)pyrene	24.95	252	848914	39.280	ng		99
91) Dibenzo(a,h)anthracene	29.01	278	751064	37.675	ng		97
92) Benzo(g,h,i)perylene	30.14	276	757396	37.553	ng		99

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

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