Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038404.D
Acq On : 7 Dec 2018 15:31
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Dec 07 18:04:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	30509	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	139895	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	86740	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	203760	20.00	ng		0.00
76) Chrysene-d12	21.73	240	190041	20.00	ng		0.00
87) Perylene-d12	25.04	264	203434	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	137620	79.83	ng		0.00
7) Phenol-d6	7.22	99	195135	78.31	ng		0.00
23) Nitrobenzene-d5	9.25	82	216967	77.00	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	87558	82.23	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	467701	76.83	ng		0.00
79) Terphenyl-d14	20.05	244	682822	76.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	32897	41.634	ng		96
3) Pyridine	3.91	79	111572	47.199	ng		91
4) n-Nitrosodimethylamine	3.83	42	47711	46.077	ng	#	87
6) Aniline	7.40	93	121312	38.118	ng		99
8) 2-Chlorophenol	7.63	128	79035	39.473	ng		99
9) Benzaldehyde	7.22	77	61619	39.052	ng		96
10) Phenol	7.24	94	103237	39.213	ng		90
11) bis(2-Chloroethyl)ether	7.49	93	81667	37.876	ng		100
12) 1,3-Dichlorobenzene	7.96	146	91731	39.199	ng		95
13) 1,4-Dichlorobenzene	8.11	146	93391	38.571	ng		99
14) 1,2-Dichlorobenzene	8.43	146	87436	39.017	ng		97
15) Benzyl Alcohol	8.31	79	81086	39.581	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.59	45	183701	37.456	ng		96
17) 2-Methylphenol	8.50	107	69695	37.431	ng		94
18) Hexachloroethane	9.15	117	36172	41.392	ng		95
19) n-Nitroso-di-n-propylamine	8.87	70	68789	37.648	ng		90
20) 3+4-Methylphenols	8.84	107	98653	37.195	ng		95
22) Acetophenone	8.90	105	126394	37.251	ng	#	95
24) Nitrobenzene	9.29	77	112405	39.264	ng		96
25) Isophorone	9.80	82	206925	41.787	ng		98
26) 2-Nitrophenol	10.00	139	83211	62.731	ng		96
27) 2,4-Dimethylphenol	10.04	122	125345	65.790	ng		97
28) bis(2-Chloroethoxy)methane	10.29	93	184311	64.927	ng		98
29) 2,4-Dichlorophenol	10.53	162	133497	61.382	ng		98
30) 1,2,4-Trichlorobenzene	10.75	180	128050	50.156	ng		97
31) Naphthalene	10.94	128	266375	39.862	ng		99
32) Benzoic acid	10.19	122	79276	57.560	ng		98
33) 4-Chloroaniline	11.05	127	119946	40.547	ng		98
34) Hexachlorobutadiene	11.20	225	63425	39.711	ng		97
35) Caprolactam	11.84	113	34255	38.088	ng	#	82
36) 4-Chloro-3-methylphenol	12.16	107	98928	40.940	ng		98
37) 2-Methylnaphthalene	12.54	142	182640	38.379	ng		97
38) 1-Methylnaphthalene	12.76	142	177151	38.867	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	117648	39.417	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	62152	37.892	ng		96
43) 2,4,6-Trichlorophenol	13.14	196	77495	40.081	ng		97
44) 2,4,5-Trichlorophenol	13.21	196	82437	40.247	ng		98
46) 1,1'-Biphenyl	13.54	154	279769	38.157	ng		98
47) 2-Chloronaphthalene	13.58	162	211860	38.292	ng		99
48) 2-Nitroaniline	13.80	65	74081	39.910	ng		97
49) Acenaphthylene	14.43	152	323294	38.798	ng		99
50) Dimethylphthalate	14.15	163	274648	39.476	ng		99
51) 2,6-Dinitrotoluene	14.29	165	62385	39.254	ng		93
52) Acenaphthene	14.77	154	193972	38.185	ng		98
53) 3-Nitroaniline	14.62	138	66807	39.032	ng	#	98
54) 2,4-Dinitrophenol	14.82	184	31263	35.885	ng		86
55) Dibenzofuran	15.11	168	327610	39.010	ng		99
56) 4-Nitrophenol	14.91	139	49362	36.508	ng		83
57) 2,4-Dinitrotoluene	15.07	165	88580	40.411	ng		96
58) Fluorene	15.75	166	242615	39.213	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	70537	39.651	ng		99
60) Diethylphthalate	15.51	149	292036	37.888	ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	148466	39.949	ng		99
62) 4-Nitroaniline	15.79	138	68267	40.551	ng		85
63) Azobenzene	16.03	77	261452	38.758	ng		95
65) 4,6-Dinitro-2-methylphenol	15.83	198	53684	40.211	ng		92
66) n-Nitrosodiphenylamine	15.96	169	240626	41.996	ng		99
67) 4-Bromophenyl-phenylether	16.63	248	96578	43.891	ng		98
68) Hexachlorobenzene	16.75	284	97994	43.176	ng		98
69) Atrazine	16.90	200	91183	42.648	ng		96
70) Pentachlorophenol	17.09	266	62569	40.249	ng		94
71) Phenanthrene	17.50	178	412032	40.379	ng		99
72) Anthracene	17.59	178	407917	41.280	ng		99
73) Carbazole	17.86	167	405328	41.328	ng		100
74) Di-n-butylphthalate	18.39	149	469630	40.988	ng		99
75) Fluoranthene	19.50	202	482057	40.434	ng		98
77) Benzidine	19.68	184	254585	39.699	ng		98
78) Pyrene	19.87	202	491871	36.992	ng		98
80) Butylbenzylphthalate	20.73	149	207907	38.876	ng		99
81) Benzo(a)anthracene	21.72	228	461772	39.535	ng		99
82) 3,3'-Dichlorobenzidine	21.63	252	182606	40.189	ng		99
83) Chrysene	21.78	228	442686	40.051	ng		98
84) Bis(2-ethylhexyl)phthalate	21.58	149	303412	40.027	ng		99
85) Di-n-octyl phthalate	22.81	149	525721	40.448	ng		98
86) Indeno(1,2,3-cd)pyrene	28.83	276	656057	52.228	ng	#	89
88) Benzo(b)fluoranthene	23.98	252	448877	39.051	ng		98
89) Benzo(k)fluoranthene	24.05	252	447270	39.069	ng		99
90) Benzo(a)pyrene	24.88	252	434631	38.981	ng	#	97
91) Dibenzo(a,h)anthracene	28.89	278	515825	48.778	ng		97
92) Benzo(g,h,i)perylene	30.02	276	491180	46.816	ng		99

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

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