Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
Data File : BG038440.D
Acq On : 10 Dec 2018 15:41
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Dec 10 16:33:31 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	32054	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	142747	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	92784	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	221293	20.00	ng		0.00
76) Chrysene-d12	21.74	240	208940	20.00	ng		0.00
87) Perylene-d12	25.04	264	223363	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	143972	79.48	ng		0.00
7) Phenol-d6	7.22	99	209534	80.04	ng		0.00
23) Nitrobenzene-d5	9.25	82	221225	76.94	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	99284	87.16	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	522019	80.17	ng		0.00
79) Terphenyl-d14	20.06	244	756854	77.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	30079	36.233	ng		93
3) Pyridine	3.91	79	89520	36.044	ng	#	91
4) n-Nitrosodimethylamine	3.83	42	44526	40.928	ng	#	79
6) Aniline	7.39	93	133144	39.819	ng		99
8) 2-Chlorophenol	7.63	128	87384	41.539	ng		97
9) Benzaldehyde	7.21	77	63279	38.171	ng		96
10) Phenol	7.25	94	110460	39.934	ng		90
11) bis(2-Chloroethyl)ether	7.49	93	89411	39.469	ng		99
12) 1,3-Dichlorobenzene	7.95	146	98264	39.967	ng		94
13) 1,4-Dichlorobenzene	8.11	146	99613	39.158	ng		98
14) 1,2-Dichlorobenzene	8.42	146	94251	40.295	ng		99
15) Benzyl Alcohol	8.31	79	81498	37.865	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.59	45	197385	38.307	ng		97
17) 2-Methylphenol	8.51	107	76243	39.258	ng		96
18) Hexachloroethane	9.15	117	36726	40.000	ng		94
19) n-Nitroso-di-n-propylamine	8.88	70	76193	39.810	ng		90
20) 3+4-Methylphenols	8.83	107	108386	38.895	ng		94
22) Acetophenone	8.90	105	139167	40.416	ng		96
24) Nitrobenzene	9.29	77	112864	38.637	ng		98
25) Isophorone	9.80	82	189469	37.498	ng		97
26) 2-Nitrophenol	10.00	139	56493	41.738	ng		95
27) 2,4-Dimethylphenol	10.04	122	82060	42.210	ng		96
28) bis(2-Chloroethoxy)methane	10.29	93	116798	40.322	ng		94
29) 2,4-Dichlorophenol	10.53	162	96307	43.398	ng		97
30) 1,2,4-Trichlorobenzene	10.74	180	107232	41.163	ng		99
31) Naphthalene	10.94	128	274657	40.280	ng		99
32) Benzoic acid	10.20	122	46273	34.962	ng		97
33) 4-Chloroaniline	11.06	127	127877	42.364	ng		97
34) Hexachlorobutadiene	11.20	225	70712	43.388	ng		99
35) Caprolactam	11.84	113	36884	40.192	ng	#	87
36) 4-Chloro-3-methylphenol	12.16	107	107674	43.669	ng		96
37) 2-Methylnaphthalene	12.54	142	201510	41.498	ng		97
38) 1-Methylnaphthalene	12.76	142	191358	41.145	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	133597	41.845	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	66597	37.958	ng		94
43) 2,4,6-Trichlorophenol	13.14	196	85001	41.099	ng		98
44) 2,4,5-Trichlorophenol	13.21	196	93019	42.455	ng		94
46) 1,1'-Biphenyl	13.54	154	303621	38.713	ng		99
47) 2-Chloronaphthalene	13.59	162	233017	39.373	ng		98
48) 2-Nitroaniline	13.80	65	81260	40.926	ng		98
49) Acenaphthylene	14.43	152	354643	39.788	ng		98
50) Dimethylphthalate	14.16	163	298190	40.068	ng		99
51) 2,6-Dinitrotoluene	14.29	165	68809	40.476	ng		98
52) Acenaphthene	14.77	154	213304	39.255	ng		99
53) 3-Nitroaniline	14.63	138	72679	39.696	ng	#	94
54) 2,4-Dinitrophenol	14.83	184	33078	35.495	ng		92
55) Dibenzofuran	15.10	168	360240	40.101	ng		97
56) 4-Nitrophenol	14.92	139	51417	35.551	ng		84
57) 2,4-Dinitrotoluene	15.07	165	95284	40.638	ng	#	96
58) Fluorene	15.75	166	265904	40.177	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	78312	41.154	ng		98
60) Diethylphthalate	15.51	149	317972	38.566	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	164907	41.483	ng		99
62) 4-Nitroaniline	15.79	138	71637	39.781	ng		86
63) Azobenzene	16.03	77	280528	38.877	ng		95
65) 4,6-Dinitro-2-methylphenol	15.83	198	60949	42.036	ng		96
66) n-Nitrosodiphenylamine	15.96	169	262166	42.130	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	108614	45.450	ng		99
68) Hexachlorobenzene	16.75	284	108546	44.036	ng		97
69) Atrazine	16.90	200	98727	42.518	ng		98
70) Pentachlorophenol	17.10	266	66633	39.467	ng		98
71) Phenanthrene	17.49	178	450856	40.683	ng		99
72) Anthracene	17.59	178	447670	41.713	ng		100
73) Carbazole	17.87	167	442231	41.518	ng		99
74) Di-n-butylphthalate	18.39	149	504150	40.514	ng		98
75) Fluoranthene	19.50	202	530088	40.940	ng		97
77) Benzidine	19.69	184	232414	32.964	ng		98
78) Pyrene	19.87	202	536038	36.667	ng		98
80) Butylbenzylphthalate	20.73	149	222284	37.804	ng		99
81) Benzo(a)anthracene	21.71	228	505228	39.343	ng		99
82) 3,3'-Dichlorobenzidine	21.63	252	200715	40.179	ng		98
83) Chrysene	21.78	228	478757	39.397	ng		98
84) Bis(2-ethylhexyl)phthalate	21.58	149	314144	37.694	ng		97
85) Di-n-octyl phthalate	22.81	149	528114	36.957	ng		98
86) Indeno(1,2,3-cd)pyrene	28.83	276	551598	39.940	ng	#	96
88) Benzo(b)fluoranthene	23.98	252	486704	38.564	ng		98
89) Benzo(k)fluoranthene	24.05	252	488606	38.871	ng		99
90) Benzo(a)pyrene	24.89	252	474653	38.773	ng	#	95
91) Dibenzo(a,h)anthracene	28.89	278	455990	39.273	ng		97
92) Benzo(g,h,i)perylene	30.03	276	455394	39.532	ng	#	94

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

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