

Data File : BG041024.D
Acq On : 3 Jun 2019 8:39
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jun 03 15:24:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	51915	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	211864	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	150564	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	379373	20.00	ng	0.00
76) Chrysene-d12	21.77	240	388171	20.00	ng	-0.01
87) Perylene-d12	25.11	264	412893	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	230820	80.17	ng	0.00
7) Phenol-d6	7.26	99	338133	76.05	ng	0.00
23) Nitrobenzene-d5	9.30	82	392889	82.33	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	180165	80.60	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	863047	82.55	ng	-0.01
79) Terphenyl-d14	20.09	244	1518105	83.00	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	53352	40.838	ng	98
3) Pyridine	3.93	79	159457	41.249	ng	99
4) n-Nitrosodimethylamine	3.85	42	73873	41.175	ng	92
6) Aniline	7.44	93	230823	38.892	ng	96
8) 2-Chlorophenol	7.68	128	130848	38.122	ng	93
9) Benzaldehyde	7.26	77	104019	39.217	ng	95
10) Phenol	7.29	94	178983	37.543	ng	99
11) bis(2-Chloroethyl)ether	7.54	93	135686	39.233	ng	99
12) 1,3-Dichlorobenzene	8.01	146	164392	40.101	ng	98
13) 1,4-Dichlorobenzene	8.15	146	168295	40.557	ng	95
14) 1,2-Dichlorobenzene	8.48	146	160994	39.959	ng	99
15) Benzyl Alcohol	8.36	79	158454	38.525	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.63	45	221738	39.236	ng	98
17) 2-Methylphenol	8.55	107	129101	37.401	ng	96
18) Hexachloroethane	9.21	117	66339	41.480	ng	99
19) n-Nitroso-di-n-propylamine	8.92	70	131429	38.410	ng	99
20) 3+4-Methylphenols	8.88	107	172516	36.080	ng	97
22) Acetophenone	8.95	105	238344	40.104	ng	# 96
24) Nitrobenzene	9.34	77	197928	40.697	ng	98
25) Isophorone	9.85	82	354871	39.073	ng	98
26) 2-Nitrophenol	10.05	139	81147	40.473	ng	# 90
27) 2,4-Dimethylphenol	10.09	122	124951	37.734	ng	97
28) bis(2-Chloroethoxy)methane	10.34	93	191184	39.002	ng	98
29) 2,4-Dichlorophenol	10.58	162	155109	36.887	ng	93
30) 1,2,4-Trichlorobenzene	10.80	180	194469	40.654	ng	99
31) Naphthalene	10.99	128	454654	39.969	ng	97
32) Benzoic acid	10.22	122	85403	35.681	ng	96
33) 4-Chloroaniline	11.10	127	207285	39.274	ng	97
34) Hexachlorobutadiene	11.26	225	150707	41.175	ng	100
35) Caprolactam	11.89	113	52789	38.016	ng	95
36) 4-Chloro-3-methylphenol	12.20	107	177659	36.994	ng	96
37) 2-Methylnaphthalene	12.59	142	336186	38.373	ng	96
38) 1-Methylnaphthalene	12.81	142	317692	38.481	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	251765	41.487	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	111280	38.836	ng	98
43) 2,4,6-Trichlorophenol	13.18	196	156207	39.790	ng	98
44) 2,4,5-Trichlorophenol	13.26	196	164081	39.630	ng	96
46) 1,1'-Biphenyl	13.58	154	455817	40.899	ng	99
47) 2-Chloronaphthalene	13.64	162	392864	41.061	ng	99
48) 2-Nitroaniline	13.84	65	145875	42.499	ng	97
49) Acenaphthylene	14.48	152	579940	40.273	ng	99
50) Dimethylphthalate	14.20	163	504437	39.578	ng	99
51) 2,6-Dinitrotoluene	14.33	165	107565	39.143	ng	98
52) Acenaphthene	14.82	154	348367	39.934	ng	97
53) 3-Nitroaniline	14.66	138	112157	40.816	ng	97
54) 2,4-Dinitrophenol	14.86	184	42690	40.200	ng	96
55) Dibenzofuran	15.15	168	591974	40.329	ng	99
56) 4-Nitrophenol	14.95	139	76894	40.797	ng	93
57) 2,4-Dinitrotoluene	15.11	165	159430	41.072	ng	# 97
58) Fluorene	15.80	166	469386	40.153	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	160205	39.373	ng	99
60) Diethylphthalate	15.55	149	519641	39.951	ng	98
61) 4-Chlorophenyl-phenylether	15.78	204	303662	39.965	ng	96
62) 4-Nitroaniline	15.82	138	122146	41.987	ng	96
63) Azobenzene	16.08	77	474586	40.145	ng	97
65) 4,6-Dinitro-2-methylphenol	15.87	198	77709	39.975	ng	99
66) n-Nitrosodiphenylamine	16.00	169	424926	39.844	ng	98
67) 4-Bromophenyl-phenylether	16.67	248	198294	38.731	ng	98
68) Hexachlorobenzene	16.79	284	212372	38.955	ng	99
69) Atrazine	16.94	200	175245	42.587	ng	97
70) Pentachlorophenol	17.13	266	102503	37.486	ng	98
71) Phenanthrene	17.54	178	807210	40.849	ng	99
72) Anthracene	17.63	178	802485	41.175	ng	99
73) Carbazole	17.90	167	702432	42.004	ng	97
74) Di-n-butylphthalate	18.43	149	860928	41.422	ng	99
75) Fluoranthene	19.54	202	1037980	42.526	ng	100
77) Benzidine	19.72	184	384830	41.559	ng	98
78) Pyrene	19.91	202	1040933	41.252	ng	99
80) Butylbenzylphthalate	20.77	149	397094	40.438	ng	97
81) Benzo(a)anthracene	21.76	228	1034891	40.051	ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	363756	40.025	ng	99
83) Chrysene	21.82	228	995047	40.241	ng	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	541818	39.195	ng	99
85) Di-n-octyl phthalate	22.87	149	912137	39.619	ng	100
86) Indeno(1,2,3-cd)pyrene	28.94	276	1151566	38.018	ng	# 98
88) Benzo(b)fluoranthene	24.04	252	1015384	40.545	ng	100
89) Benzo(k)fluoranthene	24.11	252	1003240	40.482	ng	99
90) Benzo(a)pyrene	24.96	252	960047	40.181	ng	97
91) Dibenzo(a,h)anthracene	29.02	278	953412	39.935	ng	99
92) Benzo(g,h,i)perylene	30.15	276	909334	39.205	ng	99

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

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