Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043214.D
Acq On : 15 Oct 2019 12:09
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 15 12:47:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	66102	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	257435	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	177535	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	388071	20.00	ng		0.00
76) Chrysene-d12	21.70	240	416285	20.00	ng		0.01
87) Perylene-d12	24.92	264	501735	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	308575	83.31	ng		0.00
7) Phenol-d6	7.22	99	445020	83.43	ng		0.00
23) Nitrobenzene-d5	9.22	82	433680	81.88	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	272279	89.19	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1095952	89.49	ng		0.00
79) Terphenyl-d14	20.03	244	1785854	91.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	56068	36.306	ng		88
3) Pyridine	3.93	79	155087	35.705	ng		86
4) n-Nitrosodimethylamine	3.85	42	76664	36.704	ng		86
6) Aniline	7.38	93	260105	40.397	ng		98
8) 2-Chlorophenol	7.62	128	167842	43.451	ng		96
9) Benzaldehyde	7.19	77	128780	39.510	ng		88
10) Phenol	7.25	94	203109	41.504	ng		92
11) bis(2-Chloroethyl)ether	7.47	93	154527	40.811	ng		93
12) 1,3-Dichlorobenzene	7.94	146	210440	42.706	ng		98
13) 1,4-Dichlorobenzene	8.09	146	208966	42.540	ng		98
14) 1,2-Dichlorobenzene	8.41	146	201053	42.990	ng		93
15) Benzyl Alcohol	8.29	79	163184	40.692	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	234131	32.198	ng		95
17) 2-Methylphenol	8.50	107	142890	41.729	ng		97
18) Hexachloroethane	9.14	117	78660	42.518	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	139158	39.732	ng		91
20) 3+4-Methylphenols	8.83	107	198282	42.255	ng		98
22) Acetophenone	8.87	105	288868	43.531	ng	#	95
24) Nitrobenzene	9.26	77	205007	40.579	ng		93
25) Isophorone	9.78	82	385284	41.413	ng		97
26) 2-Nitrophenol	9.97	139	101177	47.045	ng		92
27) 2,4-Dimethylphenol	10.03	122	138573	41.957	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	219116	41.511	ng		98
29) 2,4-Dichlorophenol	10.51	162	183950	44.782	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	228264	43.032	ng		99
31) Naphthalene	10.91	128	545154	43.018	ng		99
32) Benzoic acid	10.20	122	93183	38.021	ng		97
33) 4-Chloroaniline	11.02	127	227416	41.356	ng		94
34) Hexachlorobutadiene	11.20	225	169231	42.608	ng		99
35) Caprolactam	11.79	113	59033	40.753	ng	#	73
36) 4-Chloro-3-methylphenol	12.14	107	187229	41.921	ng		97
37) 2-Methylnaphthalene	12.51	142	417606	43.197	ng		95
38) 1-Methylnaphthalene	12.73	142	389029	42.527	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	314821	47.163	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	203611	47.873 ng	99
43) 2,4,6-Trichlorophenol	13.12	196	169959	43.501 ng	98
44) 2,4,5-Trichlorophenol	13.19	196	177244	44.038 ng	99
46) 1,1'-Biphenyl	13.51	154	612855	45.520 ng	99
47) 2-Chloronaphthalene	13.56	162	447431	44.326 ng	99
48) 2-Nitroaniline	13.76	65	138099	41.141 ng	88
49) Acenaphthylene	14.40	152	676113	43.774 ng	98
50) Dimethylphthalate	14.13	163	566129	42.559 ng	99
51) 2,6-Dinitrotoluene	14.25	165	123475	43.588 ng	91
52) Acenaphthene	14.74	154	419288	40.556 ng	99
53) 3-Nitroaniline	14.59	138	125282	42.795 ng	92
54) 2,4-Dinitrophenol	14.79	184	77151	43.816 ng	97
55) Dibenzofuran	15.08	168	654124	42.772 ng	98
56) 4-Nitrophenol	14.90	139	82754	37.100 ng	95
57) 2,4-Dinitrotoluene	15.04	165	175400	42.282 ng	94
58) Fluorene	15.73	166	545754	41.798 ng	96
59) 2,3,4,6-Tetrachlorophenol	15.31	232	172920	40.351 ng	99
60) Diethylphthalate	15.49	149	554994	40.997 ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	324416	41.429 ng	96
62) 4-Nitroaniline	15.75	138	128280	40.178 ng	97
63) Azobenzene	16.01	77	469198	38.069 ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	98871	45.024 ng	94
66) n-Nitrosodiphenylamine	15.93	169	477476	46.608 ng	99
67) 4-Bromophenyl-phenylether	16.61	248	226718	46.548 ng	97
68) Hexachlorobenzene	16.74	284	256158	47.234 ng	96
69) Atrazine	16.88	200	173801	40.288 ng	96
70) Pentachlorophenol	17.08	266	130600	41.735 ng	95
71) Phenanthrene	17.46	178	828201	43.714 ng	99
72) Anthracene	17.56	178	848197	44.845 ng	99
73) Carbazole	17.83	167	758486	43.245 ng	99
74) Di-n-butylphthalate	18.38	149	911639	43.564 ng	99
75) Fluoranthene	19.47	202	1044940	41.699 ng	98
77) Benzidine	19.66	184	406558	39.005 ng	99
78) Pyrene	19.84	202	1050324	42.273 ng	99
80) Butylbenzylphthalate	20.72	149	421619	44.705 ng	97
81) Benzo(a)anthracene	21.68	228	1128380	43.502 ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	469061	46.107 ng	98
83) Chrysene	21.75	228	1094266	43.473 ng	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	605018	45.084 ng	99
85) Di-n-octyl phthalate	22.79	149	1034151	47.126 ng	95
86) Indeno(1,2,3-cd)pyrene	28.60	276	1447537	46.194 ng	99
88) Benzo(b)fluoranthene	23.90	252	1189960	41.916 ng	98
89) Benzo(k)fluoranthene	23.97	252	1189311	42.347 ng	99
90) Benzo(a)pyrene	24.77	252	1137989	42.487 ng	98
91) Dibenzo(a,h)anthracene	28.66	278	1220114	44.424 ng	97
92) Benzo(g,h,i)perylene	29.76	276	1170058	43.968 ng	96

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

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