Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
Data File : BG042322.D
Acq On : 19 Aug 2019 10:29
Operator : HP/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Aug 19 11:40:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 11:30:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	57617	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	245499	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	182470	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	409118	20.00	ng	0.00
76) Chrysene-d12	21.70	240	395029	20.00	ng	0.00
87) Perylene-d12	24.94	264	476404	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	238819	80.64	ng	0.00
7) Phenol-d6	7.17	99	331819	83.11	ng	0.00
23) Nitrobenzene-d5	9.17	82	290066	81.31	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	208853	100.77	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	910290	87.99	ng	0.00
79) Terphenyl-d14	20.03	244	1480695	85.77	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	47617	34.163	ng	100
3) Pyridine	3.83	79	131471	34.396	ng	100
4) n-Nitrosodimethylamine	3.75	42	44509	29.375	ng	100
6) Aniline	7.32	93	207888	36.980	ng	100
8) 2-Chlorophenol	7.57	128	145835	43.006	ng	100
9) Benzaldehyde	7.14	77	86833	30.910	ng	100
10) Phenol	7.19	94	166923	40.189	ng	100
11) bis(2-Chloroethyl)ether	7.42	93	129288	37.863	ng	100
12) 1,3-Dichlorobenzene	7.89	146	181624	41.037	ng	100
13) 1,4-Dichlorobenzene	8.04	146	180021	40.651	ng	100
14) 1,2-Dichlorobenzene	8.36	146	172760	40.883	ng	100
15) Benzyl Alcohol	8.25	79	111815	35.599	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.53	45	177438	29.208	ng	100
17) 2-Methylphenol	8.45	107	119795	39.659	ng	100
18) Hexachloroethane	9.10	117	62071	40.930	ng	100
19) n-Nitroso-di-n-propylamine	8.82	70	105916	36.541	ng	100
20) 3+4-Methylphenols	8.78	107	170311	41.201	ng	100
22) Acetophenone	8.83	105	217861	39.674	ng	100
24) Nitrobenzene	9.22	77	149208	39.701	ng	100
25) Isophorone	9.74	82	295433	38.069	ng	100
26) 2-Nitrophenol	9.93	139	95681	54.854	ng	100
27) 2,4-Dimethylphenol	10.00	122	126501	41.091	ng	100
28) bis(2-Chloroethoxy)methane	10.23	93	186926	38.545	ng	100
29) 2,4-Dichlorophenol	10.48	162	171390	45.716	ng	100
30) 1,2,4-Trichlorobenzene	10.69	180	205055	43.132	ng	100
31) Naphthalene	10.88	128	479050	42.636	ng	100
32) Benzoic acid	10.14	122	83537	43.991	ng	100
33) 4-Chloroaniline	10.98	127	213640	40.095	ng	100
34) Hexachlorobutadiene	11.17	225	135475	42.223	ng	100
35) Caprolactam	11.76	113	55701	42.752	ng	100
36) 4-Chloro-3-methylphenol	12.11	107	165159	44.436	ng	100
37) 2-Methylnaphthalene	12.49	142	386027	43.405	ng	100
38) 1-Methylnaphthalene	12.71	142	372245	44.167	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	240061	41.562	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	115910	35.693 ng	100
43) 2,4,6-Trichlorophenol	13.10	196	159078	43.575 ng	100
44) 2,4,5-Trichlorophenol	13.18	196	167397	44.125 ng	100
46) 1,1'-Biphenyl	13.50	154	496461	42.325 ng	100
47) 2-Chloronaphthalene	13.54	162	418946	41.951 ng	100
48) 2-Nitroaniline	13.74	65	98341	38.827 ng	100
49) Acenaphthylene	14.39	152	654349	43.803 ng	100
50) Dimethylphthalate	14.12	163	545415	43.767 ng	100
51) 2,6-Dinitrotoluene	14.23	165	128025	49.131 ng	100
52) Acenaphthene	14.73	154	390256	40.167 ng	100
53) 3-Nitroaniline	14.57	138	122798	44.049 ng	100
54) 2,4-Dinitrophenol	14.77	184	71290	57.289 ng	100
55) Dibenzofuran	15.06	168	646768	43.522 ng	100
56) 4-Nitrophenol	14.88	139	94550	44.681 ng	100
57) 2,4-Dinitrotoluene	15.03	165	182283	50.867 ng	100
58) Fluorene	15.71	166	525052	44.026 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	158547	42.197 ng	100
60) Diethylphthalate	15.48	149	526374	43.023 ng	100
61) 4-Chlorophenyl-phenylether	15.70	204	311153	42.737 ng	100
62) 4-Nitroaniline	15.73	138	133517	44.218 ng	100
63) Azobenzene	16.00	77	368905	36.912 ng	100
65) 4,6-Dinitro-2-methylphenol	15.80	198	105430	58.759 ng	100
66) n-Nitrosodiphenylamine	15.92	169	478059	42.898 ng	100
67) 4-Bromophenyl-phenylether	16.60	248	213380	42.341 ng	100
68) Hexachlorobenzene	16.73	284	229198	43.473 ng	100
69) Atrazine	16.87	200	124037	28.328 ng	100
70) Pentachlorophenol	17.07	266	121412	40.537 ng	100
71) Phenanthrene	17.46	178	867134	44.218 ng	100
72) Anthracene	17.55	178	859074	43.924 ng	100
73) Carbazole	17.82	167	763301	43.483 ng	100
74) Di-n-butylphthalate	18.38	149	892166	44.831 ng	100
75) Fluoranthene	19.47	202	1046547	43.905 ng	100
77) Benzidine	19.65	184	469376	36.403 ng	100
78) Pyrene	19.83	202	1041918	44.517 ng	100
80) Butylbenzylphthalate	20.71	149	400083	44.585 ng	100
81) Benzo(a)anthracene	21.68	228	1024415	43.831 ng	100
82) 3,3'-Dichlorobenzidine	21.59	252	399568	42.581 ng	100
83) Chrysene	21.74	228	986788	44.046 ng	100
84) Bis(2-ethylhexyl)phthalate	21.58	149	559740	45.220 ng	100
85) Di-n-octyl phthalate	22.80	149	964532	46.301 ng	100
86) Indeno(1,2,3-cd)pyrene	28.64	276	1285407	43.342 ng	100
88) Benzo(b)fluoranthene	23.91	252	1092964	41.938 ng	100
89) Benzo(k)fluoranthene	23.97	252	1074208	42.314 ng	100
90) Benzo(a)pyrene	24.79	252	1043243	41.738 ng	100
91) Dibenzo(a,h)anthracene	28.71	278	1045503	42.600 ng	100
92) Benzo(g,h,i)perylene	29.80	276	1028735	41.955 ng	100

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

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