Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012820\
Data File : BG044229.D
Acq On : 28 Jan 2020 12:05
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 28 16:03:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 28 15:57:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	93243	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	413207	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	278543	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	587215	20.00	ng	0.00
76) Chrysene-d12	21.56	240	515168	20.00	ng	0.00
87) Perylene-d12	24.67	264	586911	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	438989	86.44	ng	0.00
7) Phenol-d6	7.10	99	630977	88.89	ng	0.00
23) Nitrobenzene-d5	9.09	82	580290	75.13	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	270027	92.64	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	1339302	87.11	ng	0.00
79) Terphenyl-d14	19.92	244	1899122	90.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	88594	40.011	ng	100
3) Pyridine	3.80	79	259972	39.744	ng	100
4) n-Nitrosodimethylamine	3.71	42	111044	38.130	ng	100
6) Aniline	7.25	93	378051	40.548	ng	100
8) 2-Chlorophenol	7.50	128	252216	42.306	ng	100
9) Benzaldehyde	7.06	77	160562	35.341	ng	100
10) Phenol	7.13	94	315184	43.095	ng	100
11) bis(2-Chloroethyl)ether	7.35	93	254811	40.362	ng	100
12) 1,3-Dichlorobenzene	7.82	146	290816	41.685	ng	100
13) 1,4-Dichlorobenzene	7.97	146	289384	42.040	ng	100
14) 1,2-Dichlorobenzene	8.28	146	276856	41.903	ng	100
15) Benzyl Alcohol	8.17	79	225605	40.270	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.46	45	356234	36.473	ng	100
17) 2-Methylphenol	8.38	107	225299	42.569	ng	100
18) Hexachloroethane	9.01	117	110560	41.277	ng	100
19) n-Nitroso-di-n-propylamine	8.74	70	206514	39.066	ng	100
20) 3+4-Methylphenols	8.71	107	314927	42.654	ng	100
22) Acetophenone	8.75	105	404867	39.412	ng	100
24) Nitrobenzene	9.13	77	291262	38.073	ng	100
25) Isophorone	9.65	82	552119	38.100	ng	100
26) 2-Nitrophenol	9.84	139	155186	42.876	ng	100
27) 2,4-Dimethylphenol	9.91	122	220725	40.513	ng	100
28) bis(2-Chloroethoxy)methane	10.14	93	369527	38.250	ng	100
29) 2,4-Dichlorophenol	10.38	162	271515	41.779	ng	100
30) 1,2,4-Trichlorobenzene	10.59	180	298349	40.944	ng	100
31) Naphthalene	10.78	128	831089	41.563	ng	100
32) Benzoic acid	10.06	122	121754	30.123	ng	100
33) 4-Chloroaniline	10.89	127	381785	40.031	ng	100
34) Hexachlorobutadiene	11.08	225	183200	41.178	ng	100
35) Caprolactam	11.66	113	98191	40.586	ng	100
36) 4-Chloro-3-methylphenol	12.02	107	292762	42.316	ng	100
37) 2-Methylnaphthalene	12.39	142	630456	41.880	ng	100
38) 1-Methylnaphthalene	12.61	142	596330	41.796	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	331722	40.632	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	162385	38.365 ng	100
43) 2,4,6-Trichlorophenol	13.00	196	225757	40.188 ng	100
44) 2,4,5-Trichlorophenol	13.07	196	236141	40.757 ng	100
46) 1,1'-Biphenyl	13.40	154	823023	41.211 ng	100
47) 2-Chloronaphthalene	13.44	162	664007	41.146 ng	100
48) 2-Nitroaniline	13.64	65	201473	38.811 ng	100
49) Acenaphthylene	14.29	152	974165	41.999 ng	100
50) Dimethylphthalate	14.02	163	828576	41.895 ng	100
51) 2,6-Dinitrotoluene	14.14	165	183747	41.105 ng	100
52) Acenaphthene	14.63	154	641416	39.432 ng	100
53) 3-Nitroaniline	14.47	138	205918	40.565 ng	100
54) 2,4-Dinitrophenol	14.67	184	75936	36.542 ng	100
55) Dibenzofuran	14.96	168	967749	43.218 ng	100
56) 4-Nitrophenol	14.78	139	152380	39.172 ng	100
57) 2,4-Dinitrotoluene	14.92	165	264941	43.557 ng	100
58) Fluorene	15.62	166	756754	42.638 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	204568	41.061 ng	100
60) Diethylphthalate	15.39	149	840958	42.512 ng	100
61) 4-Chlorophenyl-phenylether	15.61	204	409738	42.516 ng	100
62) 4-Nitroaniline	15.63	138	206891	41.271 ng	100
63) Azobenzene	15.90	77	743096	40.506 ng	100
65) 4,6-Dinitro-2-methylphenol	15.69	198	127475	42.670 ng	100
66) n-Nitrosodiphenylamine	15.82	169	702695	40.635 ng	100
67) 4-Bromophenyl-phenylether	16.50	248	269480	40.803 ng	100
68) Hexachlorobenzene	16.63	284	298618	41.962 ng	100
69) Atrazine	16.77	200	202005	35.937 ng	100
70) Pentachlorophenol	16.97	266	138850	35.394 ng	100
71) Phenanthrene	17.35	178	1186587	42.129 ng	100
72) Anthracene	17.44	178	1186769	42.635 ng	100
73) Carbazole	17.71	167	1085571	42.220 ng	100
74) Di-n-butylphthalate	18.28	149	1361702	41.479 ng	100
75) Fluoranthene	19.36	202	1368995	42.500 ng	100
77) Benzidine	19.54	184	520613	40.205 ng	100
78) Pyrene	19.72	202	1382506	41.113 ng	100
80) Butylbenzylphthalate	20.62	149	649734	40.584 ng	100
81) Benzo(a)anthracene	21.54	228	1327531	41.558 ng	100
82) 3,3'-Dichlorobenzidine	21.46	252	499470	39.577 ng	100
83) Chrysene	21.60	228	1283714	42.293 ng	100
84) Bis(2-ethylhexyl)phthalate	21.46	149	883579	39.999 ng	100
85) Di-n-octyl phthalate	22.64	149	1536896	41.385 ng	100
86) Indeno(1,2,3-cd)pyrene	28.20	276	1645695	39.896 ng	100
88) Benzo(b)fluoranthene	23.68	252	1415745	40.803 ng	100
89) Benzo(k)fluoranthene	23.75	252	1377282	41.743 ng	100
90) Benzo(a)pyrene	24.52	252	1343898	41.038 ng	100
91) Dibenzo(a,h)anthracene	28.25	278	1320596	40.154 ng	100
92) Benzo(g,h,i)perylene	29.29	276	1317599	40.333 ng	100

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

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