Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045073.D
Acq On : 18 Apr 2020 19:02
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 100 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 20 00:21:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 11:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	78265	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	336388	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	265909	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	639848	20.00	ng		0.00
76) Chrysene-d12	21.67	240	589174	20.00	ng		0.00
87) Perylene-d12	24.85	264	665400	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	361555	76.27	ng		0.00
7) Phenol-d6	7.19	99	557062	79.09	ng		0.00
23) Nitrobenzene-d5	9.18	82	558109	75.70	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	324608	79.02	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1324630	73.04	ng		0.00
79) Terphenyl-d14	20.01	244	2118638	78.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	76384	36.256	ng		99
3) Pyridine	3.88	79	239566	36.931	ng		93
4) n-Nitrosodimethylamine	3.79	42	75879	38.185	ng		95
6) Aniline	7.34	93	348946	38.104	ng		99
8) 2-Chlorophenol	7.59	128	196016	38.473	ng		97
9) Benzaldehyde	7.15	77	160826	40.733	ng		98
10) Phenol	7.21	94	278811	39.558	ng		98
11) bis(2-Chloroethyl)ether	7.44	93	203856	36.328	ng		99
12) 1,3-Dichlorobenzene	7.91	146	227436	37.883	ng		96
13) 1,4-Dichlorobenzene	8.06	146	224698	37.561	ng		98
14) 1,2-Dichlorobenzene	8.38	146	214740	37.521	ng		94
15) Benzyl Alcohol	8.26	79	232345	39.345	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.56	45	195171	35.431	ng		96
17) 2-Methylphenol	8.46	107	210827	38.769	ng		97
18) Hexachloroethane	9.11	117	84543	37.593	ng		98
19) n-Nitroso-di-n-propylamine	8.83	70	189637	38.071	ng		98
20) 3+4-Methylphenols	8.79	107	301741	39.642	ng		99
22) Acetophenone	8.84	105	329656	36.239	ng	#	98
24) Nitrobenzene	9.22	77	285215	37.742	ng		98
25) Isophorone	9.75	82	564048	37.361	ng		98
26) 2-Nitrophenol	9.94	139	129563	39.803	ng		96
27) 2,4-Dimethylphenol	10.00	122	196768	38.097	ng		99
28) bis(2-Chloroethoxy)methane	10.23	93	292374	36.858	ng		100
29) 2,4-Dichlorophenol	10.48	162	241830	40.549	ng		98
30) 1,2,4-Trichlorobenzene	10.70	180	261869	38.782	ng		97
31) Naphthalene	10.88	128	690563	37.526	ng		98
32) Benzoic acid	10.15	122	168487	41.393	ng		96
33) 4-Chloroaniline	10.98	127	322791	37.612	ng		98
34) Hexachlorobutadiene	11.18	225	176869	38.205	ng		95
35) Caprolactam	11.76	113	86959	36.636	ng		97
36) 4-Chloro-3-methylphenol	12.11	107	282783	40.363	ng		95
37) 2-Methylnaphthalene	12.49	142	556963	38.994	ng		96
38) 1-Methylnaphthalene	12.70	142	521390	38.667	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	313361	36.601	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	244822	45.752 ng	98
43) 2,4,6-Trichlorophenol	13.09	196	233594	38.659 ng	98
44) 2,4,5-Trichlorophenol	13.16	196	268400	39.024 ng	98
46) 1,1'-Biphenyl	13.49	154	734131	36.323 ng	99
47) 2-Chloronaphthalene	13.53	162	562199	36.404 ng	99
48) 2-Nitroaniline	13.73	65	195201	38.417 ng	99
49) Acenaphthylene	14.38	152	930787	37.002 ng	99
50) Dimethylphthalate	14.11	163	782064	36.121 ng	99
51) 2,6-Dinitrotoluene	14.23	165	181290	37.435 ng	95
52) Acenaphthene	14.72	154	647315	38.033 ng	99
53) 3-Nitroaniline	14.56	138	193539	36.438 ng	94
54) 2,4-Dinitrophenol	14.75	184	146234	50.781 ng	94
55) Dibenzofuran	15.05	168	928977	37.439 ng	98
56) 4-Nitrophenol	14.87	139	149557	36.315 ng	96
57) 2,4-Dinitrotoluene	15.01	165	263177	37.186 ng	97
58) Fluorene	15.71	166	767610	37.873 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	243316	39.759 ng	98
60) Diethylphthalate	15.48	149	813501	36.037 ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	441131	37.813 ng	97
62) 4-Nitroaniline	15.72	138	199548	36.222 ng	99
63) Azobenzene	15.99	77	771799	37.084 ng	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	167008	39.709 ng	96
66) n-Nitrosodiphenylamine	15.91	169	687734	37.409 ng	98
67) 4-Bromophenyl-phenylether	16.59	248	318186	38.547 ng	96
68) Hexachlorobenzene	16.72	284	321627	37.569 ng	100
69) Atrazine	16.86	200	247291	35.915 ng	99
70) Pentachlorophenol	17.05	266	202668	38.590 ng	93
71) Phenanthrene	17.45	178	1222558	37.182 ng	98
72) Anthracene	17.53	178	1241857	37.652 ng	98
73) Carbazole	17.80	167	1179872	35.251 ng	99
74) Di-n-butylphthalate	18.37	149	1381689	36.819 ng	99
75) Fluoranthene	19.45	202	1482229	37.297 ng	99
77) Benzidine	19.62	184	623212	35.227 ng	96
78) Pyrene	19.81	202	1473322	36.273 ng	99
80) Butylbenzylphthalate	20.70	149	632856	37.588 ng	97
81) Benzo(a)anthracene	21.65	228	1459074	38.209 ng	99
82) 3,3'-Dichlorobenzidine	21.56	252	594332	39.103 ng	99
83) Chrysene	21.72	228	1393214	37.972 ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	859431	37.115 ng	98
85) Di-n-octyl phthalate	22.77	149	1506130	37.613 ng	99
86) Indeno(1,2,3-cd)pyrene	28.48	276	1862778	38.239 ng	98
88) Benzo(b)fluoranthene	23.85	252	1556543	37.345 ng	98
89) Benzo(k)fluoranthene	23.92	252	1499405	37.827 ng	97
90) Benzo(a)pyrene	24.71	252	1494804	37.985 ng	99
91) Dibenzo(a,h)anthracene	28.55	278	1493566	37.665 ng	98
92) Benzo(g,h,i)perylene	29.62	276	1493919	37.578 ng	97

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

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