Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070720\
Data File : BM026665.D
Acq On : 06 Jul 2020 15:19
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICCC040

Quant Time: Jul 06 18:34:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 06 18:20:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	83325	20.00	ng	0.00
21) Naphthalene-d8	10.09	136	360782	20.00	ng	0.00
39) Acenaphthene-d10	13.99	164	238250	20.00	ng	0.00
64) Phenanthrene-d10	16.75	188	530492	20.00	ng	0.00
76) Chrysene-d12	20.97	240	610258	20.00	ng	0.00
86) Perylene-d12	23.04	264	562549	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.97	112	405494	80.39	ng	0.00
7) Phenol-d6	6.55	99	646103	82.37	ng	0.00
23) Nitrobenzene-d5	8.48	82	699757	82.22	ng	0.00
42) 2,4,6-Tribromophenol	15.50	330	282342	82.02	ng	0.00
45) 2-Fluorobiphenyl	12.60	172	1452250	80.76	ng	0.00
79) Terphenyl-d14	19.42	244	2606956	81.31	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.95	88	95053	39.492	ng	100
3) Pyridine	3.33	79	283782m	40.742	ng	
4) n-Nitrosodimethylamine	3.26	42	164469	41.550	ng	100
6) Aniline	6.68	93	393158	40.688	ng	100
8) 2-Chlorophenol	6.90	128	238122	40.567	ng	100
9) Benzaldehyde	6.49	77	163627	38.178	ng	100
10) Phenol	6.57	94	318948	41.059	ng	100
11) bis(2-Chloroethyl)ether	6.79	93	257811	40.005	ng	100
12) 1,3-Dichlorobenzene	7.22	146	257499	39.969	ng	100
13) 1,4-Dichlorobenzene	7.37	146	262350	39.985	ng	100
14) 1,2-Dichlorobenzene	7.67	146	260271	40.038	ng	100
15) Benzyl Alcohol	7.59	79	272368	40.715	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.87	45	531663	40.185	ng	100
17) 2-Methylphenol	7.79	107	239077	41.079	ng	100
18) Hexachloroethane	8.39	117	106432	41.041	ng	100
19) n-Nitroso-di-n-propylamine	8.15	70	260297	40.364	ng	100
20) 3+4-Methylphenols	8.12	107	333273	41.253	ng	100
22) Acetophenone	8.16	105	419237	40.759	ng	100
24) Nitrobenzene	8.52	77	363107	41.014	ng	100
25) Isophorone	9.05	82	662402	40.967	ng	100
26) 2-Nitrophenol	9.23	139	141032	42.126	ng	100
27) 2,4-Dimethylphenol	9.30	122	219079	41.126	ng	100
28) bis(2-Chloroethoxy)methane	9.54	93	357976	40.161	ng	100
29) 2,4-Dichlorophenol	9.76	162	243903	41.494	ng	100
30) 1,2,4-Trichlorobenzene	9.96	180	265967	40.402	ng	100
31) Naphthalene	10.14	128	808801	40.245	ng	100
32) Benzoic acid	9.50	122	175468	42.615	ng	100
33) 4-Chloroaniline	10.27	127	364091	41.652	ng	100
34) Hexachlorobutadiene	10.43	225	174436	39.947	ng	100
35) Caprolactam	11.07	113	87700m	42.515	ng	
36) 4-Chloro-3-methylphenol	11.42	107	305124	41.580	ng	100
37) 2-Methylnaphthalene	11.76	142	600079	40.619	ng	100
38) 1-Methylnaphthalene	11.99	142	570193	40.418	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	313820	40.283	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.13	237	156478	41.363 ng	100
43) 2,4,6-Trichlorophenol	12.41	196	211300	41.408 ng	100
44) 2,4,5-Trichlorophenol	12.48	196	246129	41.385 ng	100
46) 1,1'-Biphenyl	12.82	154	763435	40.209 ng	100
47) 2-Chloronaphthalene	12.85	162	619380	40.611 ng	100
48) 2-Nitroaniline	13.07	65	264344	42.453 ng	100
49) Acenaphthylene	13.71	152	996023	40.892 ng	100
50) Dimethylphthalate	13.48	163	813888	40.367 ng	100
51) 2,6-Dinitrotoluene	13.59	165	178508	41.009 ng	100
52) Acenaphthene	14.06	154	595994	40.339 ng	100
53) 3-Nitroaniline	13.92	138	192237	42.273 ng	100
54) 2,4-Dinitrophenol	14.15	184	109289	41.794 ng	100
55) Dibenzofuran	14.40	168	976551	40.558 ng	100
56) 4-Nitrophenol	14.26	139	146698	41.564 ng	100
57) 2,4-Dinitrotoluene	14.40	165	259194	41.893 ng	100
58) Fluorene	15.06	166	808176	40.659 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.64	232	211774	40.985 ng	100
60) Diethylphthalate	14.86	149	861409	40.578 ng	100
61) 4-Chlorophenyl-phenylether	15.06	204	433469	40.187 ng	100
62) 4-Nitroaniline	15.10	138	200510m	43.645 ng	
63) Azobenzene	15.36	77	960245	41.262 ng	100
65) 4,6-Dinitro-2-methylphenol	15.17	198	154586	41.704 ng	100
66) n-Nitrosodiphenylamine	15.29	169	698436	40.868 ng	100
67) 4-Bromophenyl-phenylether	15.96	248	268271	40.548 ng	100
68) Hexachlorobenzene	16.07	284	280296	40.461 ng	100
69) Atrazine	16.26	200	220800	43.474 ng	100
70) Pentachlorophenol	16.42	266	166188	41.493 ng	100
71) Phenanthrene	16.80	178	1281413	40.861 ng	100
72) Anthracene	16.89	178	1286550	41.190 ng	100
73) Carbazole	17.17	167	1218745	41.320 ng	100
74) Di-n-butylphthalate	17.75	149	1530920	41.500 ng	100
75) Fluoranthene	18.83	202	1553221	40.973 ng	100
77) Benzidine	19.03	184	496774	44.060 ng	100
78) Pyrene	19.19	202	1624519	40.730 ng	100
80) Butylbenzylphthalate	20.13	149	742459	42.187 ng	100
81) Benzo(a)anthracene	20.96	228	1678682	40.812 ng	100
82) 3,3'-Dichlorobenzidine	20.90	252	540465	42.111 ng	100
83) Chrysene	21.01	228	1617706	40.715 ng	100
84) Bis(2-ethylhexyl)phthalate	20.92	149	1145595	41.962 ng	100
85) Di-n-octyl phthalate	21.77	149	1913406	42.175 ng	100
87) Indeno(1,2,3-cd)pyrene	25.06	276	1511859	40.469 ng	100
88) Benzo(b)fluoranthene	22.44	252	1628918	42.568 ng	100
89) Benzo(k)fluoranthene	22.49	252	1564388	41.727 ng	100
90) Benzo(a)pyrene	22.96	252	1466500	42.521 ng	100
91) Dibenzo(a,h)anthracene	25.07	278	1276235	40.429 ng	100
92) Benzo(g,h,i)perylene	25.67	276	1140187	39.222 ng	100

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

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