Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070720\
Data File : BM026668.D
Acq On : 06 Jul 2020 17:08
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC080

Quant Time: Jul 06 18:38:45 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	97332	20.00	ng	0.00
21) Naphthalene-d8	10.09	136	406524	20.00	ng	0.00
39) Acenaphthene-d10	14.00	164	261959	20.00	ng	0.00
64) Phenanthrene-d10	16.76	188	583502	20.00	ng	0.00
76) Chrysene-d12	20.97	240	614622	20.00	ng	0.00
86) Perylene-d12	23.04	264	479214	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.98	112	950164	161.26	ng	0.00
7) Phenol-d6	6.56	99	1533692	167.38	ng	0.01
23) Nitrobenzene-d5	8.49	82	1613328	168.23	ng	0.01
42) 2,4,6-Tribromophenol	15.51	330	671575	177.45	ng	0.00
45) 2-Fluorobiphenyl	12.61	172	3414451	172.70	ng	0.00
79) Terphenyl-d14	19.42	244	5759547	178.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.95	88	207297	73.732	ng	97
3) Pyridine	3.33	79	661706m	81.329	ng	
4) n-Nitrosodimethylamine	3.26	42	369430	79.899	ng	98
6) Aniline	6.69	93	911062	80.717	ng	99
8) 2-Chlorophenol	6.91	128	561488	81.891	ng	97
10) Phenol	6.58	94	756027	83.320	ng	98
11) bis(2-Chloroethyl)ether	6.79	93	596235	79.204	ng	99
12) 1,3-Dichlorobenzene	7.22	146	589971	78.396	ng	98
13) 1,4-Dichlorobenzene	7.37	146	605559	79.012	ng	99
14) 1,2-Dichlorobenzene	7.68	146	605004	79.676	ng	99
15) Benzyl Alcohol	7.59	79	648606	83.004	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.88	45	1185863	76.732	ng	100
17) 2-Methylphenol	7.80	107	560262	82.413	ng	99
18) Hexachloroethane	8.39	117	243708	80.451	ng	99
19) n-Nitroso-di-n-propylamine	8.16	70	617452	81.969	ng	96
20) 3+4-Methylphenols	8.14	107	781999	82.868	ng	88
22) Acetophenone	8.16	105	995431	85.887	ng	97
24) Nitrobenzene	8.53	77	826581	82.859	ng	97
25) Isophorone	9.06	82	1539295	84.488	ng	100
26) 2-Nitrophenol	9.23	139	334654	88.712	ng	97
27) 2,4-Dimethylphenol	9.31	122	509177	84.829	ng	100
28) bis(2-Chloroethoxy)methane	9.55	93	841804	83.816	ng	100
29) 2,4-Dichlorophenol	9.76	162	573639	86.609	ng	99
30) 1,2,4-Trichlorobenzene	9.96	180	616070	83.055	ng	98
31) Naphthalene	10.14	128	1879852	83.014	ng	100
32) Benzoic acid	9.56	122	451926	97.406	ng	96
33) 4-Chloroaniline	10.27	127	840102	85.294	ng	99
34) Hexachlorobutadiene	10.43	225	405985	82.512	ng	98
35) Caprolactam	11.12	113	201192m	86.560	ng	
36) 4-Chloro-3-methylphenol	11.43	107	705296	85.299	ng	97
37) 2-Methylnaphthalene	11.77	142	1391301	83.579	ng	98
38) 1-Methylnaphthalene	11.99	142	1329540	83.641	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.16	216	738852	86.259	ng	100
41) Hexachlorocyclopentadiene	12.13	237	409989	98.567	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.42	196	499077	88.951 ng	99
44) 2,4,5-Trichlorophenol	12.49	196	572378	87.530 ng	99
46) 1,1'-Biphenyl	12.82	154	1783122	85.414 ng	99
47) 2-Chloronaphthalene	12.86	162	1437006	85.693 ng	99
48) 2-Nitroaniline	13.09	65	610182	89.124 ng	99
49) Acenaphthylene	13.72	152	2324053	86.780 ng	99
50) Dimethylphthalate	13.49	163	1855619	83.705 ng	100
51) 2,6-Dinitrotoluene	13.60	165	408355	85.321 ng	97
52) Acenaphthene	14.07	154	1383381	85.159 ng	99
53) 3-Nitroaniline	13.93	138	449277	89.854 ng	98
54) 2,4-Dinitrophenol	14.15	184	273844	95.246 ng	99
55) Dibenzofuran	14.40	168	2258064	85.293 ng	100
56) 4-Nitrophenol	14.27	139	342679	88.305 ng	95
57) 2,4-Dinitrotoluene	14.40	165	613579	90.197 ng	99
58) Fluorene	15.06	166	1905059	87.168 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.64	232	481488	84.750 ng	100
60) Diethylphthalate	14.87	149	1976286	84.671 ng	100
61) 4-Chlorophenyl-phenylether	15.07	204	1031771	86.999 ng	98
62) 4-Nitroaniline	15.12	138	476380m	94.308 ng	
63) Azobenzene	15.36	77	2170735	84.835 ng	98
65) 4,6-Dinitro-2-methylphenol	15.18	198	370350	90.836 ng	95
66) n-Nitrosodiphenylamine	15.29	169	1608754	85.582 ng	99
67) 4-Bromophenyl-phenylether	15.96	248	627019	86.161 ng	98
68) Hexachlorobenzene	16.07	284	644791	84.620 ng	99
69) Atrazine	16.26	200	402951	72.130 ng	98
70) Pentachlorophenol	16.42	266	382537	86.834 ng	98
71) Phenanthrene	16.80	178	2897252	83.993 ng	100
72) Anthracene	16.89	178	2950383	85.877 ng	100
73) Carbazole	17.17	167	2767998	85.319 ng	100
74) Di-n-butylphthalate	17.76	149	3576838	88.151 ng	99
75) Fluoranthene	18.83	202	3482887	83.529 ng	99
77) Benzidine	19.03	184	843634	74.293 ng	99
78) Pyrene	19.20	202	3594669	89.486 ng	99
80) Butylbenzylphthalate	20.13	149	1639968	92.521 ng	98
81) Benzo(a)anthracene	20.96	228	3444549	83.150 ng	100
82) 3,3'-Dichlorobenzidine	20.90	252	1006525	77.868 ng	99
83) Chrysene	21.02	228	3286180	82.120 ng	99
84) Bis(2-ethylhexyl)phthalate	20.93	149	2499400	90.901 ng	98
85) Di-n-octyl phthalate	21.77	149	3867320	84.637 ng	98
87) Indeno(1,2,3-cd)pyrene	25.07	276	2538039	79.751 ng	100
88) Benzo(b)fluoranthene	22.44	252	2769449	84.960 ng	99
89) Benzo(k)fluoranthene	22.49	252	2842060	88.989 ng	99
90) Benzo(a)pyrene	22.96	252	2496706	84.981 ng	99
91) Dibenzo(a,h)anthracene	25.07	278	2143422	79.707 ng	100
92) Benzo(g,h,i)perylene	25.67	276	1958333	79.080 ng	99

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

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