Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070820\
Data File : BM026678.D
Acq On : 07 Jul 2020 15:33
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
7/9/2020 10:56:24 AM

Quant Time: Jul 07 16:19:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 14:16:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	79329	20.00	ng	0.00
21) Naphthalene-d8	10.09	136	342068	20.00	ng	0.00
39) Acenaphthene-d10	13.99	164	225250	20.00	ng	0.00
64) Phenanthrene-d10	16.75	188	516206	20.00	ng	0.00
76) Chrysene-d12	20.97	240	629665	20.00	ng	0.00
86) Perylene-d12	23.04	264	631961	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.97	112	762542	158.79	ng	0.00
7) Phenol-d6	6.55	99	1247378	167.03	ng	0.00
23) Nitrobenzene-d5	8.49	82	1342531	166.37	ng	0.00
42) 2,4,6-Tribromophenol	15.51	330	583436	179.28	ng	0.00
45) 2-Fluorobiphenyl	12.60	172	2865013	168.53	ng	0.00
79) Terphenyl-d14	19.42	244	5402223	163.29	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.95	88	168388	73.485	ng	98
3) Pyridine	3.33	79	535634m	80.841	ng	
4) n-Nitrosodimethylamine	3.25	42	309073	82.015	ng	98
6) Aniline	6.68	93	724735	78.781	ng	100
8) 2-Chlorophenol	6.90	128	458068	81.969	ng	100
10) Phenol	6.58	94	618349	83.612	ng	98
11) bis(2-Chloroethyl)ether	6.79	93	482966	78.717	ng	100
12) 1,3-Dichlorobenzene	7.22	146	481816	78.554	ng	95
13) 1,4-Dichlorobenzene	7.36	146	489060	78.293	ng	99
14) 1,2-Dichlorobenzene	7.68	146	490940	79.327	ng	99
15) Benzyl Alcohol	7.59	79	535577	84.093	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.88	45	981574	77.928	ng	99
17) 2-Methylphenol	7.80	107	456626	82.412	ng	99
18) Hexachloroethane	8.38	117	196870	79.738	ng	95
19) n-Nitroso-di-n-propylamine	8.16	70	510625	83.171	ng	94
20) 3+4-Methylphenols	8.13	107	645234	83.892	ng	93
22) Acetophenone	8.16	105	819015	83.981	ng	96
24) Nitrobenzene	8.53	77	688943	82.075	ng	99
25) Isophorone	9.06	82	1290375	84.171	ng	98
26) 2-Nitrophenol	9.22	139	277303	87.361	ng	99
27) 2,4-Dimethylphenol	9.31	122	427182	84.579	ng	100
28) bis(2-Chloroethoxy)methane	9.54	93	700981	82.946	ng	99
29) 2,4-Dichlorophenol	9.76	162	483052	86.675	ng	100
30) 1,2,4-Trichlorobenzene	9.96	180	508477	81.467	ng	99
31) Naphthalene	10.14	128	1567550	82.267	ng	99
32) Benzoic acid	9.55	122	382529	97.985	ng	93
33) 4-Chloroaniline	10.27	127	713608	86.104	ng	100
34) Hexachlorobutadiene	10.43	225	335182	80.958	ng	98
35) Caprolactam	11.10	113	175505m	89.868	ng	
36) 4-Chloro-3-methylphenol	11.42	107	603142	86.689	ng	99
37) 2-Methylnaphthalene	11.76	142	1171637	83.645	ng	100
38) 1-Methylnaphthalene	11.99	142	1112703	83.190	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	623863	84.704	ng	100
41) Hexachlorocyclopentadiene	12.13	237	336753	94.155	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.41	196	421266	87.319 ng	98
44) 2,4,5-Trichlorophenol	12.49	196	486168	86.463 ng	99
46) 1,1'-Biphenyl	12.82	154	1501122	83.624 ng	99
47) 2-Chloronaphthalene	12.85	162	1219916	84.603 ng	100
48) 2-Nitroaniline	13.08	65	528381	89.754 ng	99
49) Acenaphthylene	13.71	152	1986022	86.243 ng	100
50) Dimethylphthalate	13.49	163	1605949	84.249 ng	99
51) 2,6-Dinitrotoluene	13.60	165	357908	86.968 ng	99
52) Acenaphthene	14.06	154	1178838	84.394 ng	98
53) 3-Nitroaniline	13.93	138	392039	91.185 ng	97
54) 2,4-Dinitrophenol	14.15	184	234937	95.030 ng	94
55) Dibenzofuran	14.40	168	1945340	85.456 ng	99
56) 4-Nitrophenol	14.27	139	304680	91.308 ng	96
57) 2,4-Dinitrotoluene	14.40	165	535628	91.570 ng	95
58) Fluorene	15.06	166	1639889	87.263 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.65	232	419088	85.789 ng	99
60) Diethylphthalate	14.86	149	1729732	86.185 ng	99
61) 4-Chlorophenyl-phenylether	15.06	204	881512	86.442 ng	99
62) 4-Nitroaniline	15.11	138	425088m	97.911 ng	
63) Azobenzene	15.36	77	1906705	86.661 ng	99
65) 4,6-Dinitro-2-methylphenol	15.17	198	323158	89.595 ng	99
66) n-Nitrosodiphenylamine	15.29	169	1403137	84.375 ng	99
67) 4-Bromophenyl-phenylether	15.96	248	543634	84.442 ng	99
68) Hexachlorobenzene	16.07	284	564759	83.779 ng	97
69) Atrazine	16.26	200	345828	69.975 ng	99
70) Pentachlorophenol	16.42	266	335097	85.982 ng	100
71) Phenanthrene	16.80	178	2566960	84.119 ng	99
72) Anthracene	16.89	178	2603572	85.662 ng	99
73) Carbazole	17.17	167	2501977	87.173 ng	100
74) Di-n-butylphthalate	17.76	149	3230511	89.995 ng	99
75) Fluoranthene	18.83	202	3216020	87.183 ng	99
77) Benzidine	19.03	184	1079994	92.835 ng	100
78) Pyrene	19.19	202	3339114	81.138 ng	99
80) Butylbenzylphthalate	20.13	149	1596031	87.891 ng	95
81) Benzo(a)anthracene	20.96	228	3522674	83.004 ng	100
82) 3,3'-Dichlorobenzidine	20.90	252	1117110	84.358 ng	98
83) Chrysene	21.02	228	3393924	82.787 ng	99
84) Bis(2-ethylhexyl)phthalate	20.92	149	2571781	91.299 ng	100
85) Di-n-octyl phthalate	21.77	149	4347056	92.863 ng	99
87) Indeno(1,2,3-cd)pyrene	25.07	276	3576848	85.227 ng	99
88) Benzo(b)fluoranthene	22.44	252	3635743	84.577 ng	100
89) Benzo(k)fluoranthene	22.49	252	3394126	80.588 ng	99
90) Benzo(a)pyrene	22.96	252	3271356	84.435 ng	100
91) Dibenzo(a,h)anthracene	25.08	278	3052829	86.086 ng	98
92) Benzo(g,h,i)perylene	25.68	276	2685410	82.230 ng	99

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

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