Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060520\
Data File : BM026276.D
Acq On : 05 Jun 2020 12:59
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
6/8/2020 12:51:50 PM

Quant Time: Jun 05 13:40:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 12:48:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	191735	20.00	ng	0.00
21) Naphthalene-d8	10.21	136	817781	20.00	ng	0.00
39) Acenaphthene-d10	14.10	164	513266	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1119390	20.00	ng	0.00
76) Chrysene-d12	21.06	240	1029007	20.00	ng	0.00
86) Perylene-d12	23.16	264	838187	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1017622	99.75	ng	0.00
7) Phenol-d6	6.65	99	1464017	106.86	ng	0.00
23) Nitrobenzene-d5	8.60	82	1574135	116.33	ng	0.00
42) 2,4,6-Tribromophenol	15.60	330	596720	104.29	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	3192773	108.87	ng	0.00
79) Terphenyl-d14	19.50	244	5057603	123.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	228491	49.96	ng	99
3) Pyridine	3.44	79	669210m	49.39	ng	
4) n-Nitrosodimethylamine	3.35	42	340623	66.84	ng	99
6) Aniline	6.79	93	965537	51.73	ng	98
8) 2-Chlorophenol	7.02	128	583858	50.22	ng	100
9) Benzaldehyde	6.60	77	339132	50.16	ng	99
10) Phenol	6.68	94	780563	52.62	ng	97
11) bis(2-Chloroethyl)ether	6.89	93	626450	50.65	ng	98
12) 1,3-Dichlorobenzene	7.33	146	645501	48.46	ng	98
13) 1,4-Dichlorobenzene	7.48	146	652684	48.68	ng	99
14) 1,2-Dichlorobenzene	7.79	146	640195	49.53	ng	99
15) Benzyl Alcohol	7.70	79	625510	59.09	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.99	45	1168264	67.55	ng	99
17) 2-Methylphenol	7.90	107	571991	52.53	ng	99
18) Hexachloroethane	8.50	117	248738	51.26	ng	98
19) n-Nitroso-di-n-propylamine	8.26	70	573502	62.54	ng	99
20) 3+4-Methylphenols	8.23	107	778729	52.64	ng	99
22) Acetophenone	8.27	105	987169	54.14	ng	99
24) Nitrobenzene	8.64	77	819323	56.60	ng	99
25) Isophorone	9.16	82	1481913	53.03	ng	99
26) 2-Nitrophenol	9.34	139	330995	49.23	ng	99
27) 2,4-Dimethylphenol	9.42	122	509104	48.87	ng	98
28) bis(2-Chloroethoxy)methane	9.65	93	825382	49.94	ng	99
29) 2,4-Dichlorophenol	9.87	162	562749	47.77	ng	100
30) 1,2,4-Trichlorobenzene	10.08	180	613229	46.61	ng	97
31) Naphthalene	10.26	128	1915307	50.42	ng	99
32) Benzoic acid	9.61	122	416929	53.21	ng	98
33) 4-Chloroaniline	10.38	127	842828	50.03	ng	99
34) Hexachlorobutadiene	10.55	225	386164	49.08	ng	97
35) Caprolactam	11.19	113	206769	49.61	ng	95
36) 4-Chloro-3-methylphenol	11.52	107	686583	54.29	ng	98
37) 2-Methylnaphthalene	11.88	142	1381138	50.66	ng	99
38) 1-Methylnaphthalene	12.10	142	1304285	50.69	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	685315	49.40	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	417189	57.01	ng	99
43) 2,4,6-Trichlorophenol	12.52	196	470036	47.89	ng	97
44) 2,4,5-Trichlorophenol	12.59	196	547636	48.53	ng	98
46) 1,1'-Biphenyl	12.92	154	1689715	50.82	ng	99
47) 2-Chloronaphthalene	12.96	162	1371244	49.96	ng	99
48) 2-Nitroaniline	13.17	65	561439	65.61	ng	99
49) Acenaphthylene	13.82	152	2204279	50.69	ng	100
50) Dimethylphthalate	13.58	163	1762537	50.54	ng	100
51) 2,6-Dinitrotoluene	13.69	165	392125	51.09	ng	97
52) Acenaphthene	14.16	154	1322169	51.60	ng	100
53) 3-Nitroaniline	14.02	138	444148	51.31	ng	99
54) 2,4-Dinitrophenol	14.23	184	245165	58.14	ng	99
55) Dibenzofuran	14.50	168	2114229	51.17	ng	99
56) 4-Nitrophenol	14.35	139	351581	51.18	ng	94
57) 2,4-Dinitrotoluene	14.49	165	551618	52.89	ng	99
58) Fluorene	15.16	166	1733548	55.36	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.74	232	466762	51.10	ng	99
60) Diethylphthalate	14.96	149	1819850	52.81	ng	100
61) 4-Chlorophenyl-phenylether	15.16	204	917197	54.75	ng	100
62) 4-Nitroaniline	15.19	138	475127	57.44	ng	99
63) Azobenzene	15.45	77	1998681	59.45	ng	100
65) 4,6-Dinitro-2-methylphenol	15.26	198	330001	54.65	ng	94
66) n-Nitrosodiphenylamine	15.38	169	1517503	52.79	ng	99
67) 4-Bromophenyl-phenylether	16.05	248	574517	51.11	ng	99
68) Hexachlorobenzene	16.16	284	601448	49.94	ng	96
69) Atrazine	16.34	200	475778	51.77	ng	99
70) Pentachlorophenol	16.51	266	375122	53.09	ng	100
71) Phenanthrene	16.89	178	2733539	52.17	ng	99
72) Anthracene	16.98	178	2738839	52.55	ng	99
73) Carbazole	17.26	167	2611724	51.59	ng	99
74) Di-n-butylphthalate	17.84	149	3134401	53.08	ng	100
75) Fluoranthene	18.92	202	3150746	50.39	ng	99
77) Benzidine	19.12	184	994863	45.98	ng	99
78) Pyrene	19.28	202	3244348	51.55	ng	100
80) Butylbenzylphthalate	20.21	149	1361283	50.47	ng	98
81) Benzo(a)anthracene	21.04	228	2881592	49.43	ng	100
82) 3,3'-Dichlorobenzidine	20.98	252	910365	41.90	ng	99
83) Chrysene	21.09	228	2782707	50.32	ng	99
84) Bis(2-ethylhexyl)phthalate	21.00	149	1925878	50.59	ng	99
85) Di-n-octyl phthalate	21.85	149	2914734	43.85	ng	100
87) Indeno(1,2,3-cd)pyrene	25.22	276	2253679	42.99	ng	99
88) Benzo(b)fluoranthene	22.54	252	2445105	54.16	ng	100
89) Benzo(k)fluoranthene	22.58	252	2289540	53.76	ng	100
90) Benzo(a)pyrene	23.07	252	2107671	50.04	ng	99
91) Dibenzo(a,h)anthracene	25.23	278	1866834	44.09	ng	99
92) Benzo(g,h,i)perylene	25.84	276	1796547	41.32	ng	99

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

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