Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
Data File : BM024614.D
Acq On : 23 Jan 2020 18:56
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
1/24/2020 1:55:18 PM

Quant Time: Jan 24 02:03:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	212001	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	900126	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	657156	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1557310	20.00	ng	0.00
76) Chrysene-d12	21.06	240	1689851	20.00	ng	0.00
87) Perylene-d12	23.17	264	1867435	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	910874	81.71	ng	0.00
7) Phenol-d6	6.64	99	1266996	82.50	ng	0.00
23) Nitrobenzene-d5	8.59	82	1481746	80.73	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	886130	82.90	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	3924922	81.20	ng	0.00
79) Terphenyl-d14	19.50	244	7860172	86.84	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	180631	40.962	ng	99
3) Pyridine	3.45	79	510999	39.974	ng	98
4) n-Nitrosodimethylamine	3.37	42	242521	42.741	ng	99
6) Aniline	6.79	93	769440	41.159	ng	99
8) 2-Chlorophenol	7.02	128	526509	41.489	ng	99
9) Benzaldehyde	6.60	77	363388	40.048	ng	99
10) Phenol	6.67	94	628362	41.049	ng	97
11) bis(2-Chloroethyl)ether	6.89	93	509744	41.596	ng	100
12) 1,3-Dichlorobenzene	7.33	146	643412	41.271	ng	97
13) 1,4-Dichlorobenzene	7.48	146	659074	41.672	ng	97
14) 1,2-Dichlorobenzene	7.79	146	631197	41.345	ng	99
15) Benzyl Alcohol	7.69	79	539089	42.578	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.97	45	450316	40.140	ng	99
17) 2-Methylphenol	7.89	107	454601	42.142	ng	99
18) Hexachloroethane	8.51	117	253040	41.432	ng	94
19) n-Nitroso-di-n-propylamine	8.26	70	484609	42.030	ng	99
20) 3+4-Methylphenols	8.22	107	623863	41.779	ng	99
22) Acetophenone	8.26	105	930564	40.093	ng	98
24) Nitrobenzene	8.63	77	711992	40.480	ng	99
25) Isophorone	9.16	82	1254112	40.213	ng	100
26) 2-Nitrophenol	9.33	139	327007	40.151	ng	96
27) 2,4-Dimethylphenol	9.41	122	450118	40.670	ng	97
28) bis(2-Chloroethoxy)methane	9.64	93	767280	40.274	ng	99
29) 2,4-Dichlorophenol	9.86	162	619657	41.441	ng	99
30) 1,2,4-Trichlorobenzene	10.07	180	732594	40.624	ng	99
31) Naphthalene	10.25	128	1840813	40.490	ng	100
32) Benzoic acid	9.57	122	367445	36.294	ng	97
33) 4-Chloroaniline	10.37	127	826401	41.470	ng	99
34) Hexachlorobutadiene	10.56	225	519008	41.633	ng	99
35) Caprolactam	11.15	113	193113m	40.255	ng	
36) 4-Chloro-3-methylphenol	11.51	107	657571	41.357	ng	98
37) 2-Methylnaphthalene	11.88	142	1447654	41.262	ng	100
38) 1-Methylnaphthalene	12.10	142	1377529	41.276	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	947085	40.381	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	535671	40.747 ng	99
43) 2,4,6-Trichlorophenol	12.51	196	604329	40.491 ng	99
44) 2,4,5-Trichlorophenol	12.58	196	621763	40.791 ng	99
46) 1,1'-Biphenyl	12.92	154	2011350	40.444 ng	99
47) 2-Chloronaphthalene	12.95	162	1620878	40.372 ng	100
48) 2-Nitroaniline	13.16	65	503557	41.123 ng	99
49) Acenaphthylene	13.81	152	2441077	40.615 ng	99
50) Dimethylphthalate	13.57	163	2165533	40.752 ng	99
51) 2,6-Dinitrotoluene	13.67	165	463223	41.001 ng	100
52) Acenaphthene	14.16	154	1519033	40.729 ng	100
53) 3-Nitroaniline	14.00	138	477777	40.774 ng	99
54) 2,4-Dinitrophenol	14.21	184	272627	40.353 ng	99
55) Dibenzofuran	14.50	168	2488605	40.914 ng	100
56) 4-Nitrophenol	14.33	139	378156	41.285 ng	97
57) 2,4-Dinitrotoluene	14.47	165	660058	40.765 ng	98
58) Fluorene	15.15	166	2105092	41.183 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.73	232	642128	41.542 ng	99
60) Diethylphthalate	14.95	149	2221639	41.181 ng	100
61) 4-Chlorophenyl-phenylether	15.16	204	1211024	41.094 ng	99
62) 4-Nitroaniline	15.17	138	542377	41.933 ng	97
63) Azobenzene	15.45	77	1905842	41.416 ng	99
65) 4,6-Dinitro-2-methylphenol	15.24	198	370207	40.431 ng	99
66) n-Nitrosodiphenylamine	15.37	169	1813923	40.549 ng	99
67) 4-Bromophenyl-phenylether	16.05	248	784389	40.503 ng	100
68) Hexachlorobenzene	16.16	284	913631	41.110 ng	99
69) Atrazine	16.34	200	722123	42.055 ng	99
70) Pentachlorophenol	16.50	266	552420	40.808 ng	99
71) Phenanthrene	16.89	178	3461469	41.046 ng	99
72) Anthracene	16.97	178	3380489	40.968 ng	99
73) Carbazole	17.25	167	3122419	41.567 ng	99
74) Di-n-butylphthalate	17.84	149	3992394	41.574 ng	100
75) Fluoranthene	18.91	202	4387438	41.684 ng	99
77) Benzidine	19.11	184	1806150	45.895 ng	100
78) Pyrene	19.27	202	4545435	40.802 ng	100
80) Butylbenzylphthalate	20.22	149	1911495	40.892 ng	99
81) Benzo(a)anthracene	21.04	228	4801617	40.940 ng	100
82) 3,3'-Dichlorobenzidine	20.98	252	1778746	42.160 ng	99
83) Chrysene	21.09	228	4618227	41.266 ng	100
84) Bis(2-ethylhexyl)phthalate	21.01	149	2813143	40.786 ng	100
85) Di-n-octyl phthalate	21.86	149	4756818	41.744 ng	100
86) Indeno(1,2,3-cd)pyrene	25.24	276	5179202	42.460 ng	98
88) Benzo(b)fluoranthene	22.55	252	4954724	40.908 ng	100
89) Benzo(k)fluoranthene	22.59	252	4832044	40.873 ng	99
90) Benzo(a)pyrene	23.08	252	4532903	41.164 ng	100
91) Dibenzo(a,h)anthracene	25.26	278	4363065	41.745 ng	99
92) Benzo(g,h,i)perylene	25.87	276	3941657	41.534 ng	99

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

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