Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061520\
Data File : BM026385.D
Acq On : 15 Jun 2020 11:08
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Jun 15 14:32:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 12:22:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	87015	20.00	ng	0.00
21) Naphthalene-d8	10.16	136	359744	20.00	ng	0.00
39) Acenaphthene-d10	14.06	164	220637	20.00	ng	0.00
64) Phenanthrene-d10	16.82	188	465420	20.00	ng	0.00
76) Chrysene-d12	21.03	240	489984	20.00	ng	0.00
86) Perylene-d12	23.12	264	514984	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	400480	81.37	ng	0.00
7) Phenol-d6	6.61	99	559742	78.54	ng	0.00
23) Nitrobenzene-d5	8.56	82	581824	79.41	ng	0.00
42) 2,4,6-Tribromophenol	15.56	330	213664	79.94	ng	0.00
45) 2-Fluorobiphenyl	12.67	172	1177684	81.02	ng	0.00
79) Terphenyl-d14	19.47	244	1896557	75.14	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.02	88	89464	40.319	ng	99
3) Pyridine	3.40	79	260336	39.945	ng	99
4) n-Nitrosodimethylamine	3.32	42	122902	38.087	ng	96
6) Aniline	6.75	93	364214	38.963	ng	99
8) 2-Chlorophenol	6.98	128	225818	39.780	ng	98
9) Benzaldehyde	6.56	77	152785	33.621	ng	98
10) Phenol	6.64	94	302228	39.821	ng	99
11) bis(2-Chloroethyl)ether	6.85	93	233143	38.138	ng	98
12) 1,3-Dichlorobenzene	7.30	146	253971	40.409	ng	98
13) 1,4-Dichlorobenzene	7.44	146	257364	40.202	ng	99
14) 1,2-Dichlorobenzene	7.75	146	248017	39.661	ng	99
15) Benzyl Alcohol	7.66	79	234326	38.720	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.95	45	430812	37.735	ng	99
17) 2-Methylphenol	7.86	107	219607	39.589	ng	99
18) Hexachloroethane	8.46	117	96149	39.658	ng	97
19) n-Nitroso-di-n-propylamine	8.22	70	212377	38.242	ng	98
20) 3+4-Methylphenols	8.19	107	295914	39.140	ng	99
22) Acetophenone	8.23	105	372721	40.293	ng	98
24) Nitrobenzene	8.59	77	303234	39.536	ng	99
25) Isophorone	9.12	82	550721	40.010	ng	99
26) 2-Nitrophenol	9.30	139	123799	40.785	ng	95
27) 2,4-Dimethylphenol	9.38	122	195305	40.757	ng	97
28) bis(2-Chloroethoxy)methane	9.60	93	308575	39.514	ng	99
29) 2,4-Dichlorophenol	9.83	162	213568	40.620	ng	100
30) 1,2,4-Trichlorobenzene	10.04	180	233652	40.527	ng	97
31) Naphthalene	10.22	128	715560	39.471	ng	99
32) Benzoic acid	9.54	122	119266	32.785	ng	98
33) 4-Chloroaniline	10.34	127	311536	39.401	ng	99
34) Hexachlorobutadiene	10.51	225	148556	40.816	ng	97
35) Caprolactam	11.12	113	73924	40.021	ng	96
36) 4-Chloro-3-methylphenol	11.48	107	250849	39.155	ng	99
37) 2-Methylnaphthalene	11.84	142	507565	39.290	ng	100
38) 1-Methylnaphthalene	12.06	142	480742	39.284	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.22	216	258662	41.184	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.20	237	129692	35.041 ng	98
43) 2,4,6-Trichlorophenol	12.48	196	174187	40.975 ng	99
44) 2,4,5-Trichlorophenol	12.55	196	201526	40.840 ng	98
46) 1,1'-Biphenyl	12.88	154	620505	40.114 ng	99
47) 2-Chloronaphthalene	12.92	162	508614	40.481 ng	99
48) 2-Nitroaniline	13.14	65	199770	40.118 ng	98
49) Acenaphthylene	13.77	152	802100	39.914 ng	99
50) Dimethylphthalate	13.54	163	644695	39.949 ng	100
51) 2,6-Dinitrotoluene	13.65	165	140809	39.763 ng	99
52) Acenaphthene	14.13	154	479616	39.755 ng	99
53) 3-Nitroaniline	13.98	138	154031	39.061 ng	96
54) 2,4-Dinitrophenol	14.20	184	76704	35.639 ng	94
55) Dibenzofuran	14.46	168	768236	39.522 ng	100
56) 4-Nitrophenol	14.32	139	115713	37.003 ng	98
57) 2,4-Dinitrotoluene	14.45	165	198105	40.234 ng	97
58) Fluorene	15.12	166	622952	39.455 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.70	232	166450	39.437 ng	99
60) Diethylphthalate	14.92	149	647449	39.389 ng	100
61) 4-Chlorophenyl-phenylether	15.12	204	333172	39.783 ng	98
62) 4-Nitroaniline	15.15	138	159829	38.006 ng	96
63) Azobenzene	15.42	77	708460	39.393 ng	99
65) 4,6-Dinitro-2-methylphenol	15.22	198	113592	40.136 ng	98
66) n-Nitrosodiphenylamine	15.34	169	538946	39.973 ng	99
67) 4-Bromophenyl-phenylether	16.02	248	206837	40.370 ng	98
68) Hexachlorobenzene	16.13	284	214750	40.168 ng	97
69) Atrazine	16.31	200	166985	41.456 ng	98
70) Pentachlorophenol	16.48	266	120470	37.419 ng	98
71) Phenanthrene	16.86	178	965235	39.825 ng	99
72) Anthracene	16.94	178	968373	40.033 ng	100
73) Carbazole	17.23	167	927082	40.415 ng	99
74) Di-n-butylphthalate	17.81	149	1109674	41.020 ng	99
75) Fluoranthene	18.89	202	1139143	40.995 ng	99
77) Benzidine	19.09	184	421747	41.438 ng	100
78) Pyrene	19.25	202	1185982	36.633 ng	99
80) Butylbenzylphthalate	20.18	149	519674	39.694 ng	100
81) Benzo(a)anthracene	21.01	228	1170143	39.786 ng	100
82) 3,3'-Dichlorobenzidine	20.96	252	417708	45.905 ng	98
83) Chrysene	21.06	228	1135991	40.531 ng	99
84) Bis(2-ethylhexyl)phthalate	20.97	149	762219	40.831 ng	99
85) Di-n-octyl phthalate	21.82	149	1315776	45.691 ng	100
87) Indeno(1,2,3-cd)pyrene	25.17	276	1335567	44.833 ng	100
88) Benzo(b)fluoranthene	22.51	252	1171815	37.826 ng	99
89) Benzo(k)fluoranthene	22.55	252	1134318	37.689 ng	99
90) Benzo(a)pyrene	23.03	252	1083193	39.368 ng	99
91) Dibenzo(a,h)anthracene	25.17	278	1115833	44.867 ng	100
92) Benzo(g,h,i)perylene	25.79	276	1080857	45.671 ng	99

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

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