Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
Data File : BM020714.D
Acq On : 04 Jun 2019 21:51
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
6/5/2019 3:41:40 PM

Quant Time: Jun 05 04:00:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	278384	20.00	ng	-0.01
21) Naphthalene-d8	10.62	136	1206014	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	665070	20.00	ng	-0.01
64) Phenanthrene-d10	17.20	188	1370058	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1196826	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1324731	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1291206	81.59	ng	-0.01
7) Phenol-d6	6.99	99	1802189	77.34	ng	0.00
23) Nitrobenzene-d5	8.99	82	1890139	81.20	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	692588	84.05	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	4154021	83.04	ng	-0.01
79) Terphenyl-d14	19.83	244	5510153	77.01	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	271302	41.872	ng	96
3) Pyridine	3.74	79	840714	40.782	ng	98
4) n-Nitrosodimethylamine	3.66	42	333983	37.582	ng	97
6) Aniline	7.16	93	1279305	37.942	ng	100
8) 2-Chlorophenol	7.39	128	782038	39.722	ng	99
9) Benzaldehyde	6.97	77	526954	38.429	ng	95
10) Phenol	7.02	94	971426	38.683	ng	97
11) bis(2-Chloroethyl)ether	7.26	93	769830	38.466	ng	97
12) 1,3-Dichlorobenzene	7.71	146	915732	40.471	ng	98
13) 1,4-Dichlorobenzene	7.86	146	929509	40.409	ng	98
14) 1,2-Dichlorobenzene	8.17	146	891510	39.825	ng	100
15) Benzyl Alcohol	8.06	79	753190	36.536	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1102191	35.672	ng	99
17) 2-Methylphenol	8.26	107	660594	37.409	ng	98
18) Hexachloroethane	8.90	117	341041	38.724	ng	96
19) n-Nitroso-di-n-propylamine	8.63	70	673035	35.930	ng	96
20) 3+4-Methylphenols	8.59	107	893888	37.206	ng	98
22) Acetophenone	8.65	105	1218820	39.783	ng	98
24) Nitrobenzene	9.03	77	951896	40.059	ng	100
25) Isophorone	9.55	82	1739786	37.575	ng	100
26) 2-Nitrophenol	9.73	139	395233	44.628	ng	98
27) 2,4-Dimethylphenol	9.79	122	654292	39.427	ng	98
28) bis(2-Chloroethoxy)methane	10.03	93	1082515	38.667	ng	100
29) 2,4-Dichlorophenol	10.26	162	746917	40.681	ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	879651	41.667	ng	99
31) Naphthalene	10.67	128	2499631	40.305	ng	99
32) Benzoic acid	9.92	122	443620m	43.062	ng	
33) 4-Chloroaniline	10.78	127	1124693	38.968	ng	97
34) Hexachlorobutadiene	10.94	225	526661	41.576	ng	99
35) Caprolactam	11.57	113	241535	37.868	ng	99
36) 4-Chloro-3-methylphenol	11.90	107	810146	37.952	ng	99
37) 2-Methylnaphthalene	12.28	142	1790986	38.961	ng	99
38) 1-Methylnaphthalene	12.50	142	1701595	38.875	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	909859	41.746	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	459148	35.224	ng	100
43) 2,4,6-Trichlorophenol	12.89	196	606156	43.207	ng	98
44) 2,4,5-Trichlorophenol	12.96	196	618647	42.714	ng	98
46) 1,1'-Biphenyl	13.29	154	2287186	41.178	ng	99
47) 2-Chloronaphthalene	13.33	162	1863179	41.561	ng	99
48) 2-Nitroaniline	13.55	65	562510	39.978	ng	91
49) Acenaphthylene	14.19	152	2806293	40.120	ng	99
50) Dimethylphthalate	13.92	163	2256222	39.708	ng	99
51) 2,6-Dinitrotoluene	14.04	165	468651	40.620	ng	91
52) Acenaphthene	14.53	154	1676537	40.220	ng	99
53) 3-Nitroaniline	14.37	138	510085	39.610	ng	94
54) 2,4-Dinitrophenol	14.57	184	168338	38.097	ng	93
55) Dibenzofuran	14.86	168	2579985	39.851	ng	99
56) 4-Nitrophenol	14.67	139	379100	39.949	ng	92
57) 2,4-Dinitrotoluene	14.83	165	622577	40.301	ng	96
58) Fluorene	15.51	166	2088186	39.222	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	529004	41.916	ng	98
60) Diethylphthalate	15.29	149	2217036	37.832	ng	100
61) 4-Chlorophenyl-phenylether	15.50	204	1096942	38.913	ng	98
62) 4-Nitroaniline	15.54	138	538637	39.439	ng	93
63) Azobenzene	15.80	77	2051837	36.521	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	232622	39.275	ng	97
66) n-Nitrosodiphenylamine	15.72	169	1785607	40.713	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	654457	40.571	ng	97
68) Hexachlorobenzene	16.50	284	780746	41.449	ng	96
69) Atrazine	16.67	200	544694	41.612	ng	100
70) Pentachlorophenol	16.85	266	400770	44.599	ng	98
71) Phenanthrene	17.25	178	3146806	40.521	ng	99
72) Anthracene	17.34	178	3111364	40.029	ng	99
73) Carbazole	17.61	167	2780359	39.418	ng	100
74) Di-n-butylphthalate	18.17	149	3467728	37.873	ng	100
75) Fluoranthene	19.26	202	3403017	39.403	ng	100
77) Benzidine	19.45	184	1385008	38.191	ng	100
78) Pyrene	19.62	202	3484968	37.945	ng	100
80) Butylbenzylphthalate	20.52	149	1439482	37.088	ng	97
81) Benzo(a)anthracene	21.36	228	3327185	39.920	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	1292179	42.338	ng	99
83) Chrysene	21.42	228	3176380	40.093	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1996946	35.401	ng	100
85) Di-n-octyl phthalate	22.19	149	3331779	37.202	ng	98
86) Indeno(1,2,3-cd)pyrene	25.99	276	3957419	48.826	ng	99
88) Benzo(b)fluoranthene	22.98	252	3339520	38.141	ng	99
89) Benzo(k)fluoranthene	23.02	252	3365066	39.328	ng	100
90) Benzo(a)pyrene	23.57	252	3137197	39.502	ng	100
91) Dibenzo(a,h)anthracene	26.00	278	3278866	42.555	ng	99
92) Benzo(g,h,i)perylene	26.70	276	3077543	43.002	ng	98

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

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