Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053119\
Data File : BM020627.D
Acq On : 31 May 2019 12:24
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
6/3/2019 8:48:33 AM

Quant Time: May 31 14:25:58 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 13:01:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	217356	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	1041466	20.00	ng	0.00
39) Acenaphthene-d10	14.47	164	626818	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	1409108	20.00	ng	0.00
76) Chrysene-d12	21.40	240	1155732	20.00	ng	0.00
87) Perylene-d12	23.69	264	1061433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	983676	80.51	ng	0.00
7) Phenol-d6	6.99	99	1461877	83.86	ng	0.00
23) Nitrobenzene-d5	9.00	82	1604802	83.13	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	621761	78.61	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	3736327	77.69	ng	0.00
79) Terphenyl-d14	19.84	244	5789776	87.37	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	200697	39.890	ng	100
3) Pyridine	3.75	79	664031	43.420	ng	100
4) n-Nitrosodimethylamine	3.66	42	274759	42.318	ng	100
6) Aniline	7.17	93	1065027	42.253	ng	100
8) 2-Chlorophenol	7.40	128	616507	41.166	ng	100
9) Benzaldehyde	6.98	77	431821	42.493	ng	100
10) Phenol	7.02	94	792308	42.167	ng	100
11) bis(2-Chloroethyl)ether	7.26	93	632995	42.387	ng	100
12) 1,3-Dichlorobenzene	7.72	146	703778	39.923	ng	100
13) 1,4-Dichlorobenzene	7.87	146	720590	40.362	ng	100
14) 1,2-Dichlorobenzene	8.19	146	698397	40.371	ng	100
15) Benzyl Alcohol	8.07	79	650722	42.702	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.37	45	980775	44.242	ng	100
17) 2-Methylphenol	8.27	107	558070	42.723	ng	100
18) Hexachloroethane	8.91	117	277544	41.116	ng	100
19) n-Nitroso-di-n-propylamine	8.65	70	600075	44.534	ng	100
20) 3+4-Methylphenols	8.60	107	765437	43.020	ng	100
22) Acetophenone	8.66	105	1056045	40.277	ng	100
24) Nitrobenzene	9.04	77	819366	41.376	ng	100
25) Isophorone	9.56	82	1612013	41.088	ng	100
26) 2-Nitrophenol	9.75	139	301033	41.156	ng	100
27) 2,4-Dimethylphenol	9.80	122	568733	39.635	ng	100
28) bis(2-Chloroethoxy)methane	10.05	93	968922	41.080	ng	100
29) 2,4-Dichlorophenol	10.27	162	631903	39.394	ng	100
30) 1,2,4-Trichlorobenzene	10.49	180	717652	37.914	ng	100
31) Naphthalene	10.68	128	2129329	39.747	ng	100
32) Benzoic acid	9.94	122	338463m	49.357	ng	
33) 4-Chloroaniline	10.79	127	1004086	40.978	ng	100
34) Hexachlorobutadiene	10.96	225	425789	36.504	ng	100
35) Caprolactam	11.58	113	224908	41.904	ng	100
36) 4-Chloro-3-methylphenol	11.90	107	742338	41.906	ng	100
37) 2-Methylnaphthalene	12.29	142	1591964	40.539	ng	100
38) 1-Methylnaphthalene	12.51	142	1515403	40.686	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	800820	36.877	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	481604	37.532	ng	100
43) 2,4,6-Trichlorophenol	12.89	196	530386	39.871	ng	100
44) 2,4,5-Trichlorophenol	12.96	196	545421	40.303	ng	100
46) 1,1'-Biphenyl	13.30	154	2083991	39.279	ng	100
47) 2-Chloronaphthalene	13.35	162	1668016	39.056	ng	100
48) 2-Nitroaniline	13.55	65	543019	47.862	ng	100
49) Acenaphthylene	14.19	152	2654883	40.069	ng	100
50) Dimethylphthalate	13.94	163	2162649	40.480	ng	100
51) 2,6-Dinitrotoluene	14.05	165	438205	42.689	ng	100
52) Acenaphthene	14.54	154	1583172	40.092	ng	100
53) 3-Nitroaniline	14.38	138	499550	44.426	ng	100
54) 2,4-Dinitrophenol	14.58	184	156439	49.146	ng	100
55) Dibenzofuran	14.87	168	2438698	39.831	ng	100
56) 4-Nitrophenol	14.67	139	370226	44.339	ng	100
57) 2,4-Dinitrotoluene	14.84	165	598558	44.361	ng	100
58) Fluorene	15.52	166	2018570	40.239	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	482890	40.764	ng	100
60) Diethylphthalate	15.30	149	2261116	41.366	ng	100
61) 4-Chlorophenyl-phenylether	15.52	204	1053475	39.178	ng	100
62) 4-Nitroaniline	15.54	138	528585	44.343	ng	100
63) Azobenzene	15.81	77	2168641	42.362	ng	100
65) 4,6-Dinitro-2-methylphenol	15.60	198	225652	46.640	ng	100
66) n-Nitrosodiphenylamine	15.73	169	1770821	39.168	ng	100
67) 4-Bromophenyl-phenylether	16.41	248	642236	37.164	ng	100
68) Hexachlorobenzene	16.52	284	749525	37.869	ng	100
69) Atrazine	16.69	200	594429	41.645	ng	100
70) Pentachlorophenol	16.86	266	370631	40.659	ng	100
71) Phenanthrene	17.26	178	3153792	39.719	ng	100
72) Anthracene	17.35	178	3169383	39.785	ng	100
73) Carbazole	17.62	167	2897314	40.047	ng	100
74) Di-n-butylphthalate	18.19	149	3818249	40.570	ng	100
75) Fluoranthene	19.27	202	3541525	39.306	ng	100
77) Benzidine	19.46	184	1601620	42.191	ng	100
78) Pyrene	19.63	202	3597094	42.230	ng	100
80) Butylbenzylphthalate	20.54	149	1532973	43.010	ng	100
81) Benzo(a)anthracene	21.38	228	3201857	39.954	ng	100
82) 3,3'-Dichlorobenzidine	21.32	252	1186983	39.061	ng	100
83) Chrysene	21.43	228	3054985	40.057	ng	100
84) Bis(2-ethylhexyl)phthalate	21.32	149	2225872	42.545	ng	100
85) Di-n-octyl phthalate	22.22	149	3426538	39.117	ng	100
86) Indeno(1,2,3-cd)pyrene	26.02	276	2853864	32.056	ng	100
88) Benzo(b)fluoranthene	23.00	252	2825064	40.978	ng	100
89) Benzo(k)fluoranthene	23.04	252	2714620	41.119	ng	100
90) Benzo(a)pyrene	23.59	252	2511512	39.638	ng	100
91) Dibenzo(a,h)anthracene	26.04	278	2372382	37.059	ng	100
92) Benzo(g,h,i)perylene	26.73	276	2211793	36.687	ng	100

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

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