Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053119\
Data File : BM020628.D
Acq On : 31 May 2019 13:00
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
6/3/2019 8:48:35 AM

Quant Time: May 31 14:28:51 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	223080	20.00	ng		0.00
21) Naphthalene-d8	10.63	136	1043615	20.00	ng		0.00
39) Acenaphthene-d10	14.47	164	634166	20.00	ng		0.00
64) Phenanthrene-d10	17.22	188	1416106	20.00	ng		0.00
76) Chrysene-d12	21.40	240	1251607	20.00	ng		0.00
87) Perylene-d12	23.69	264	1114816	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1246107	99.37	ng		0.00
7) Phenol-d6	7.00	99	1864884	104.23	ng		0.00
23) Nitrobenzene-d5	9.00	82	2037914	105.34	ng		0.00
42) 2,4,6-Tribromophenol	15.96	330	807317	100.89	ng		0.00
45) 2-Fluorobiphenyl	13.10	172	4704345	96.68	ng		0.00
79) Terphenyl-d14	19.84	244	7578359	105.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	253433	49.079	ng		100
3) Pyridine	3.75	79	808222	51.493	ng		99
4) n-Nitrosodimethylamine	3.66	42	350363	52.578	ng		100
6) Aniline	7.17	93	1348975	52.145	ng		99
8) 2-Chlorophenol	7.40	128	786816	51.190	ng		99
9) Benzaldehyde	6.98	77	499889	47.929	ng		98
10) Phenol	7.02	94	999125	51.810	ng		99
11) bis(2-Chloroethyl)ether	7.27	93	797891	52.058	ng		98
12) 1,3-Dichlorobenzene	7.72	146	891281	49.263	ng		99
13) 1,4-Dichlorobenzene	7.87	146	905290	49.407	ng		99
14) 1,2-Dichlorobenzene	8.19	146	884393	49.811	ng		99
15) Benzyl Alcohol	8.07	79	828542	52.976	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.37	45	1227356	53.945	ng		100
17) 2-Methylphenol	8.27	107	708323	52.834	ng		100
18) Hexachloroethane	8.91	117	348554	50.310	ng		99
19) n-Nitroso-di-n-propylamine	8.65	70	753513	54.486	ng		99
20) 3+4-Methylphenols	8.60	107	972268	53.242	ng		97
22) Acetophenone	8.66	105	1325265	50.441	ng	#	98
24) Nitrobenzene	9.04	77	1038459	52.332	ng		99
25) Isophorone	9.56	82	2015701	51.272	ng		99
26) 2-Nitrophenol	9.75	139	394989	53.890	ng		99
27) 2,4-Dimethylphenol	9.80	122	725563	50.461	ng		99
28) bis(2-Chloroethoxy)methane	10.05	93	1209236	51.164	ng		99
29) 2,4-Dichlorophenol	10.27	162	803352	49.980	ng		100
30) 1,2,4-Trichlorobenzene	10.49	180	908084	47.876	ng		100
31) Naphthalene	10.68	128	2687710	50.067	ng		99
32) Benzoic acid	9.95	122	453466m	65.991	ng		
33) 4-Chloroaniline	10.79	127	1264258	51.489	ng		99
34) Hexachlorobutadiene	10.96	225	542247	46.393	ng		100
35) Caprolactam	11.59	113	287057m	53.374	ng		
36) 4-Chloro-3-methylphenol	11.91	107	943127	53.131	ng		99
37) 2-Methylnaphthalene	12.29	142	1992293	50.629	ng		99
38) 1-Methylnaphthalene	12.51	142	1903843	51.010	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.66	216	1015982	46.243	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	610083	46.994	ng	99
43) 2,4,6-Trichlorophenol	12.90	196	670835	49.845	ng	98
44) 2,4,5-Trichlorophenol	12.96	196	691709	50.521	ng	98
46) 1,1'-Biphenyl	13.31	154	2609252	48.609	ng	99
47) 2-Chloronaphthalene	13.34	162	2088305	48.330	ng	99
48) 2-Nitroaniline	13.56	65	699392	60.930	ng	95
49) Acenaphthylene	14.20	152	3300380	49.234	ng	100
50) Dimethylphthalate	13.94	163	2727950	50.469	ng	100
51) 2,6-Dinitrotoluene	14.06	165	563913	54.299	ng	94
52) Acenaphthene	14.54	154	1972994	49.384	ng	99
53) 3-Nitroaniline	14.39	138	638833	56.154	ng	97
54) 2,4-Dinitrophenol	14.59	184	218659	67.896	ng	96
55) Dibenzofuran	14.87	168	3069028	49.546	ng	99
56) 4-Nitrophenol	14.68	139	482343	57.097	ng	98
57) 2,4-Dinitrotoluene	14.84	165	773065	56.630	ng	99
58) Fluorene	15.52	166	2543589	50.117	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	613552	51.193	ng	100
60) Diethylphthalate	15.30	149	2841007	51.373	ng	99
61) 4-Chlorophenyl-phenylether	15.52	204	1345088	49.444	ng	95
62) 4-Nitroaniline	15.55	138	687639	57.018	ng	98
63) Azobenzene	15.81	77	2690045	51.938	ng	100
65) 4,6-Dinitro-2-methylphenol	15.60	198	307556	63.255	ng	98
66) n-Nitrosodiphenylamine	15.73	169	2239267	49.285	ng	99
67) 4-Bromophenyl-phenylether	16.42	248	821373	47.295	ng	96
68) Hexachlorobenzene	16.52	284	964541	48.491	ng	98
69) Atrazine	16.69	200	709745	49.478	ng	99
70) Pentachlorophenol	16.86	266	483275	52.754	ng	99
71) Phenanthrene	17.26	178	4016254	50.331	ng	100
72) Anthracene	17.35	178	4033619	50.384	ng	100
73) Carbazole	17.62	167	3715270	51.099	ng	100
74) Di-n-butylphthalate	18.19	149	4870500	51.494	ng	100
75) Fluoranthene	19.27	202	4611695	50.931	ng	100
77) Benzidine	19.46	184	1850989	45.025	ng	99
78) Pyrene	19.63	202	4705141	51.008	ng	99
80) Butylbenzylphthalate	20.54	149	2078372	53.845	ng	99
81) Benzo(a)anthracene	21.38	228	4324932	49.834	ng	100
82) 3,3'-Dichlorobenzidine	21.32	252	1621100	49.261	ng	99
83) Chrysene	21.43	228	4090158	49.522	ng	100
84) Bis(2-ethylhexyl)phthalate	21.32	149	3007308	53.078	ng	100
85) Di-n-octyl phthalate	22.22	149	4788570	50.479	ng	100
86) Indeno(1,2,3-cd)pyrene	26.02	276	3726843	38.655	ng	99
88) Benzo(b)fluoranthene	23.00	252	3760968	51.941	ng	100
89) Benzo(k)fluoranthene	23.05	252	3714374	53.568	ng	99
90) Benzo(a)pyrene	23.59	252	3377122	50.747	ng	99
91) Dibenzo(a,h)anthracene	26.04	278	3105486	46.188	ng	100
92) Benzo(g,h,i)perylene	26.73	276	2850136	45.011	ng	100

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

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