Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
Data File : BM020716.D
Acq On : 05 Jun 2019 00:16
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/5/2019 3:41:43 PM

Quant Time: Jun 05 04:02:34 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	275451	20.00	ng	-0.01
21) Naphthalene-d8	10.62	136	1153379	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	614523	20.00	ng	-0.01
64) Phenanthrene-d10	17.20	188	1254835	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1100699	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1250477	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1285944	82.12	ng	-0.01
7) Phenol-d6	6.99	99	1738130	75.38	ng	0.00
23) Nitrobenzene-d5	8.99	82	1787389	80.29	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	617208	81.06	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	3834105	82.95	ng	-0.01
79) Terphenyl-d14	19.83	244	4883653	74.21	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	273018	42.585	ng	96
3) Pyridine	3.74	79	834627	40.917	ng	97
4) n-Nitrosodimethylamine	3.66	42	333300	37.905	ng	96
6) Aniline	7.16	93	1230461	36.882	ng	99
8) 2-Chlorophenol	7.39	128	751157	38.560	ng	99
9) Benzaldehyde	6.97	77	511649	37.475	ng	96
10) Phenol	7.02	94	934991	37.629	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	740951	37.417	ng	97
12) 1,3-Dichlorobenzene	7.71	146	895446	39.996	ng	100
13) 1,4-Dichlorobenzene	7.86	146	906853	39.844	ng	99
14) 1,2-Dichlorobenzene	8.17	146	865190	39.061	ng	99
15) Benzyl Alcohol	8.06	79	704634	34.544	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1055318	34.518	ng	99
17) 2-Methylphenol	8.26	107	629571	36.032	ng	99
18) Hexachloroethane	8.90	117	330983	37.982	ng	96
19) n-Nitroso-di-n-propylamine	8.63	70	621772	33.547	ng	96
20) 3+4-Methylphenols	8.59	107	837011	35.209	ng	99
22) Acetophenone	8.65	105	1155722	39.445	ng	97
24) Nitrobenzene	9.03	77	900887	39.642	ng	98
25) Isophorone	9.55	82	1580165	35.685	ng	99
26) 2-Nitrophenol	9.73	139	362125	42.756	ng	99
27) 2,4-Dimethylphenol	9.79	122	605649	38.161	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1007569	37.633	ng	100
29) 2,4-Dichlorophenol	10.26	162	700621	39.901	ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	831794	41.198	ng	99
31) Naphthalene	10.67	128	2340735	39.466	ng	99
32) Benzoic acid	9.92	122	392618m	40.233	ng	
33) 4-Chloroaniline	10.78	127	1036582	37.554	ng	97
34) Hexachlorobutadiene	10.94	225	503825	41.589	ng	99
35) Caprolactam	11.56	113	213181	34.947	ng	99
36) 4-Chloro-3-methylphenol	11.89	107	730479	35.781	ng	99
37) 2-Methylnaphthalene	12.27	142	1658004	37.714	ng	100
38) 1-Methylnaphthalene	12.50	142	1553006	37.100	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	844518	41.935	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	418766	34.769	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	546840	42.185	ng	98
44) 2,4,5-Trichlorophenol	12.95	196	559658	41.820	ng	97
46) 1,1'-Biphenyl	13.29	154	2095388	40.828	ng	99
47) 2-Chloronaphthalene	13.33	162	1701068	41.066	ng	99
48) 2-Nitroaniline	13.54	65	508423	39.107	ng	91
49) Acenaphthylene	14.18	152	2555304	39.537	ng	99
50) Dimethylphthalate	13.92	163	2013125	38.344	ng	99
51) 2,6-Dinitrotoluene	14.04	165	424774	39.846	ng	91
52) Acenaphthene	14.53	154	1524380	39.578	ng	100
53) 3-Nitroaniline	14.37	138	466142	39.175	ng	95
54) 2,4-Dinitrophenol	14.57	184	146964	36.396	ng	96
55) Dibenzofuran	14.86	168	2355225	39.371	ng	98
56) 4-Nitrophenol	14.67	139	340321	38.812	ng	93
57) 2,4-Dinitrotoluene	14.83	165	559138	39.172	ng	96
58) Fluorene	15.51	166	1895323	38.528	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	475884	40.808	ng	97
60) Diethylphthalate	15.29	149	1980069	36.568	ng	100
61) 4-Chlorophenyl-phenylether	15.51	204	996998	38.277	ng	94
62) 4-Nitroaniline	15.53	138	477406	37.831	ng	96
63) Azobenzene	15.80	77	1848956	35.617	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	203678	37.933	ng	97
66) n-Nitrosodiphenylamine	15.72	169	1598460	39.792	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	591371	40.027	ng	98
68) Hexachlorobenzene	16.50	284	699121	40.524	ng	98
69) Atrazine	16.67	200	480335	40.065	ng	100
70) Pentachlorophenol	16.85	266	351203	42.672	ng	99
71) Phenanthrene	17.25	178	2805521	39.443	ng	99
72) Anthracene	17.34	178	2784138	39.108	ng	100
73) Carbazole	17.61	167	2480656	38.399	ng	100
74) Di-n-butylphthalate	18.17	149	3026391	36.088	ng	100
75) Fluoranthene	19.26	202	3038147	38.409	ng	99
77) Benzidine	19.45	184	1274550	38.215	ng	99
78) Pyrene	19.62	202	3105586	36.767	ng	100
80) Butylbenzylphthalate	20.52	149	1253310	35.111	ng	98
81) Benzo(a)anthracene	21.36	228	2991254	39.024	ng	100
82) 3,3'-Dichlorobenzidine	21.30	252	1149447	40.951	ng	99
83) Chrysene	21.41	228	2874719	39.454	ng	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	1738065	33.502	ng	100
85) Di-n-octyl phthalate	22.19	149	2932702	35.606	ng	98
86) Indeno(1,2,3-cd)pyrene	25.99	276	3743010	50.214	ng	99
88) Benzo(b)fluoranthene	22.98	252	3072918	37.180	ng	99
89) Benzo(k)fluoranthene	23.02	252	3101738	38.403	ng	100
90) Benzo(a)pyrene	23.57	252	2908505	38.797	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	3102386	42.656	ng	100
92) Benzo(g,h,i)perylene	26.70	276	2923707	43.278	ng	99

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

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