Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
Data File : BM018789.D
Acq On : 13 Feb 2019 01:10
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/13/2019 12:20:51 PM

Quant Time: Feb 13 06:35:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	355805	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1498552	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	873333	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1992187	20.00	ng	0.00
76) Chrysene-d12	21.31	240	2148491	20.00	ng	0.00
87) Perylene-d12	23.57	264	1980624	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1766648	81.35	ng	0.00
7) Phenol-d6	6.89	99	2521559	82.43	ng	0.00
23) Nitrobenzene-d5	8.89	82	2633550	81.26	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1043745	82.91	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	5181549	78.76	ng	0.00
79) Terphenyl-d14	19.75	244	8842326	84.90	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	367944	38.902	ng	100
3) Pyridine	3.65	79	1114047	43.182	ng	99
4) n-Nitrosodimethylamine	3.58	42	280328	42.712	ng	97
6) Aniline	7.06	93	1528290	40.773	ng	99
8) 2-Chlorophenol	7.28	128	970599	40.710	ng	99
9) Benzaldehyde	6.87	77	707122	43.196	ng	98
10) Phenol	6.92	94	1328387	41.269	ng	99
11) bis(2-Chloroethyl)ether	7.15	93	1003551	40.871	ng	100
12) 1,3-Dichlorobenzene	7.60	146	1074108	40.065	ng	99
13) 1,4-Dichlorobenzene	7.75	146	1100391	40.318	ng	99
14) 1,2-Dichlorobenzene	8.06	146	1050839	40.084	ng	98
15) Benzyl Alcohol	7.96	79	1022381	42.060	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.25	45	954984	40.184	ng	99
17) 2-Methylphenol	8.16	107	841749	41.087	ng	99
18) Hexachloroethane	8.77	117	407647	40.916	ng	97
19) n-Nitroso-di-n-propylamine	8.53	70	979928	41.371	ng	99
20) 3+4-Methylphenols	8.49	107	1180827	41.740	ng	98
22) Acetophenone	8.55	105	1661421	40.372	ng	100
24) Nitrobenzene	8.93	77	1353850	40.244	ng	98
25) Isophorone	9.45	82	2118662	40.970	ng	100
26) 2-Nitrophenol	9.63	139	570707	42.600	ng	100
27) 2,4-Dimethylphenol	9.69	122	795849	40.673	ng	98
28) bis(2-Chloroethoxy)methane	9.93	93	1351479	40.415	ng	100
29) 2,4-Dichlorophenol	10.16	162	940507	41.861	ng	100
30) 1,2,4-Trichlorobenzene	10.36	180	1031746	39.764	ng	98
31) Naphthalene	10.55	128	2890846	39.554	ng	99
32) Benzoic acid	9.86	122	674258	39.503	ng	98
33) 4-Chloroaniline	10.68	127	1335671	40.883	ng	99
34) Hexachlorobutadiene	10.82	225	593342	39.397	ng	98
35) Caprolactam	11.51	113	379971m	41.439	ng	
36) 4-Chloro-3-methylphenol	11.80	107	1125005	41.531	ng	99
37) 2-Methylnaphthalene	12.17	142	2038831	39.622	ng	99
38) 1-Methylnaphthalene	12.39	142	1990685	39.562	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1105050	39.555	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	544470	38.119	ng	99
43) 2,4,6-Trichlorophenol	12.79	196	775876	41.952	ng	100
44) 2,4,5-Trichlorophenol	12.86	196	815982	42.094	ng	97
46) 1,1'-Biphenyl	13.19	154	2965978	39.454	ng	100
47) 2-Chloronaphthalene	13.23	162	2308606	39.760	ng	99
48) 2-Nitroaniline	13.46	65	834902	43.295	ng	98
49) Acenaphthylene	14.09	152	3485922	40.319	ng	100
50) Dimethylphthalate	13.83	163	2879357	39.561	ng	99
51) 2,6-Dinitrotoluene	13.96	165	647528	41.070	ng	97
52) Acenaphthene	14.43	154	2088490	39.395	ng	99
53) 3-Nitroaniline	14.29	138	717968	40.303	ng	97
54) 2,4-Dinitrophenol	14.50	184	294624	33.091	ng	99
55) Dibenzofuran	14.77	168	3444956	39.535	ng	99
56) 4-Nitrophenol	14.60	139	558145	39.248	ng	99
57) 2,4-Dinitrotoluene	14.74	165	907941	41.796	ng	100
58) Fluorene	15.42	166	2637756	39.569	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	696761	40.665	ng	99
60) Diethylphthalate	15.20	149	2988027	39.798	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	1480293	39.605	ng	96
62) 4-Nitroaniline	15.46	138	709264	40.612	ng	98
63) Azobenzene	15.70	77	3306332	41.072	ng	100
65) 4,6-Dinitro-2-methylphenol	15.51	198	497348	35.557	ng	97
66) n-Nitrosodiphenylamine	15.63	169	2517417	39.996	ng	100
67) 4-Bromophenyl-phenylether	16.31	248	888152	39.829	ng	99
68) Hexachlorobenzene	16.41	284	1024953	39.544	ng	99
69) Atrazine	16.59	200	801010	39.475	ng	100
70) Pentachlorophenol	16.76	266	689361	41.307	ng	99
71) Phenanthrene	17.16	178	4203075	39.258	ng	100
72) Anthracene	17.25	178	4165806	39.976	ng	100
73) Carbazole	17.53	167	4392520	40.346	ng	99
74) Di-n-butylphthalate	18.08	149	5227077	41.746	ng	100
75) Fluoranthene	19.18	202	4922974	39.807	ng	99
77) Benzidine	19.38	184	2267183	46.855	ng	100
78) Pyrene	19.54	202	5142267	41.210	ng	100
80) Butylbenzylphthalate	20.44	149	2530677	44.501	ng	99
81) Benzo(a)anthracene	21.29	228	5066933	40.458	ng	100
82) 3,3'-Dichlorobenzidine	21.23	252	2044756	41.311	ng	100
83) Chrysene	21.34	228	4824546	40.191	ng	100
84) Bis(2-ethylhexyl)phthalate	21.22	149	3697713	44.426	ng	100
85) Di-n-octyl phthalate	22.10	149	6176598	44.153	ng	100
86) Indeno(1,2,3-cd)pyrene	25.87	276	4615136	33.300	ng	100
88) Benzo(b)fluoranthene	22.89	252	4792577	42.293	ng	100
89) Benzo(k)fluoranthene	22.93	252	4717371	41.815	ng	100
90) Benzo(a)pyrene	23.47	252	4362940	40.642	ng	99
91) Dibenzo(a,h)anthracene	25.88	278	3962643	37.258	ng	99
92) Benzo(g,h,i)perylene	26.57	276	3578257	36.139	ng	100

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

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