Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
Data File : BM019199.D
Acq On : 15 Mar 2019 22:58
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/18/2019 3:04:41 PM

Quant Time: Mar 16 02:43:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	210687	20.00	ng		-0.01
21) Naphthalene-d8	10.44	136	1014864	20.00	ng		-0.01
39) Acenaphthene-d10	14.31	164	614416	20.00	ng		-0.01
64) Phenanthrene-d10	17.06	188	1348962	20.00	ng		-0.01
76) Chrysene-d12	21.26	240	1315335	20.00	ng		-0.01
87) Perylene-d12	23.50	264	1110637	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1071207	82.34	ng		0.00
7) Phenol-d6	6.83	99	1670689	87.80	ng		-0.01
23) Nitrobenzene-d5	8.83	82	1779496	82.89	ng		0.00
42) 2,4,6-Tribromophenol	15.81	330	781215	86.12	ng		-0.01
45) 2-Fluorobiphenyl	12.92	172	3872302	81.98	ng		-0.01
79) Terphenyl-d14	19.70	244	6059320	91.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	206817	35.736	ng		99
3) Pyridine	3.62	79	686391	43.594	ng		100
4) n-Nitrosodimethylamine	3.54	42	189089	38.630	ng		98
6) Aniline	7.00	93	1033886	42.082	ng		100
8) 2-Chlorophenol	7.22	128	669225	42.807	ng		99
9) Benzaldehyde	6.82	77	496084	41.446	ng		99
10) Phenol	6.86	94	907903	44.270	ng		100
11) bis(2-Chloroethyl)ether	7.10	93	644738	41.200	ng		98
12) 1,3-Dichlorobenzene	7.54	146	685441	41.430	ng		100
13) 1,4-Dichlorobenzene	7.69	146	699654	41.480	ng		99
14) 1,2-Dichlorobenzene	8.00	146	680924	41.493	ng		99
15) Benzyl Alcohol	7.90	79	678338	43.071	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	641256	40.132	ng		99
17) 2-Methylphenol	8.10	107	586734	43.904	ng		100
18) Hexachloroethane	8.71	117	261974	41.798	ng		97
19) n-Nitroso-di-n-propylamine	8.47	70	656426	42.047	ng		99
20) 3+4-Methylphenols	8.43	107	817155	45.047	ng		99
22) Acetophenone	8.49	105	1137978	40.575	ng	#	99
24) Nitrobenzene	8.87	77	924117	41.387	ng		100
25) Isophorone	9.39	82	1664326	40.626	ng		99
26) 2-Nitrophenol	9.57	139	402726	43.513	ng		99
27) 2,4-Dimethylphenol	9.62	122	582556	42.338	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	976427	40.253	ng		99
29) 2,4-Dichlorophenol	10.09	162	679714	44.604	ng		99
30) 1,2,4-Trichlorobenzene	10.30	180	727764	42.353	ng		100
31) Naphthalene	10.49	128	2201415	41.155	ng		99
32) Benzoic acid	9.81	122	417314	35.811	ng		98
33) 4-Chloroaniline	10.62	127	941176	42.923	ng		99
34) Hexachlorobutadiene	10.75	225	407314	41.306	ng		99
35) Caprolactam	11.45	113	238496m	43.934	ng		
36) 4-Chloro-3-methylphenol	11.75	107	811591	43.163	ng		99
37) 2-Methylnaphthalene	12.11	142	1614072	41.524	ng		99
38) 1-Methylnaphthalene	12.33	142	1589955	41.499	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	812647	41.812	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	292618	33.239 ng	97
43) 2,4,6-Trichlorophenol	12.73	196	547158	43.563 ng	98
44) 2,4,5-Trichlorophenol	12.80	196	582344	43.359 ng	100
46) 1,1'-Biphenyl	13.13	154	2197553	40.955 ng	99
47) 2-Chloronaphthalene	13.18	162	1675989	41.845 ng	100
48) 2-Nitroaniline	13.41	65	580009	43.180 ng	96
49) Acenaphthylene	14.03	152	2811708	41.519 ng	100
50) Dimethylphthalate	13.78	163	2093741	39.835 ng	99
51) 2,6-Dinitrotoluene	13.91	165	476212	41.912 ng	96
52) Acenaphthene	14.37	154	1591099	40.888 ng	99
53) 3-Nitroaniline	14.24	138	495489	41.175 ng	96
54) 2,4-Dinitrophenol	14.46	184	261156	39.578 ng	98
55) Dibenzofuran	14.71	168	2583456	41.167 ng	99
56) 4-Nitrophenol	14.56	139	374186	38.084 ng	100
57) 2,4-Dinitrotoluene	14.70	165	674446	40.893 ng	96
58) Fluorene	15.36	166	2143521	41.438 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	522754	41.808 ng	99
60) Diethylphthalate	15.14	149	2138765	40.178 ng	98
61) 4-Chlorophenyl-phenylether	15.36	204	1054140	41.958 ng	98
62) 4-Nitroaniline	15.42	138	498946	41.142 ng	99
63) Azobenzene	15.65	77	2339887	41.772 ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	283149	32.032 ng	99
66) n-Nitrosodiphenylamine	15.58	169	1792973	41.749 ng	100
67) 4-Bromophenyl-phenylether	16.26	248	630292	42.371 ng	97
68) Hexachlorobenzene	16.36	284	754493	42.662 ng	99
69) Atrazine	16.54	200	569890	39.420 ng	100
70) Pentachlorophenol	16.72	266	427897	40.158 ng	100
71) Phenanthrene	17.11	178	3254185	41.157 ng	100
72) Anthracene	17.20	178	3264528	42.175 ng	99
73) Carbazole	17.48	167	3035198	41.546 ng	99
74) Di-n-butylphthalate	18.03	149	3724504	42.160 ng	100
75) Fluoranthene	19.13	202	3682506	40.589 ng	99
77) Benzidine	19.33	184	1823787	48.890 ng	99
78) Pyrene	19.50	202	3781102	45.434 ng	100
80) Butylbenzylphthalate	20.40	149	1757147	48.475 ng	97
81) Benzo(a)anthracene	21.25	228	3398416	41.183 ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	1303049	40.990 ng	99
83) Chrysene	21.30	228	3244504	40.642 ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2597457	49.255 ng	99
85) Di-n-octyl phthalate	22.04	149	4248975	47.849 ng	100
86) Indeno(1,2,3-cd)pyrene	25.76	276	3080415	35.845 ng	100
88) Benzo(b)fluoranthene	22.83	252	3064446	42.581 ng	100
89) Benzo(k)fluoranthene	22.87	252	2758176	41.668 ng	99
90) Benzo(a)pyrene	23.40	252	2671548	41.308 ng	100
91) Dibenzo(a,h)anthracene	25.77	278	2600376	42.032 ng	100
92) Benzo(g,h,i)perylene	26.46	276	2412700	42.477 ng	99

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

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