Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
Data File : BM019973.D
Acq On : 19 Apr 2019 13:52
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/23/2019 8:19:16 AM

Quant Time: Apr 20 00:34:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	174544	20.00	ng		0.00
21) Naphthalene-d8	10.29	136	756919	20.00	ng		0.00
39) Acenaphthene-d10	14.18	164	434288	20.00	ng		0.00
64) Phenanthrene-d10	16.95	188	930815	20.00	ng		0.00
76) Chrysene-d12	21.17	240	854300	20.00	ng		0.00
87) Perylene-d12	23.36	264	732818	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	889920	82.63	ng		0.00
7) Phenol-d6	6.71	99	1267202	78.18	ng		0.00
23) Nitrobenzene-d5	8.69	82	1371832	81.05	ng		0.00
42) 2,4,6-Tribromophenol	15.69	330	523042	74.82	ng		0.00
45) 2-Fluorobiphenyl	12.78	172	2765648	79.36	ng		0.00
79) Terphenyl-d14	19.59	244	4241907	87.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	195577	42.081	ng		98
3) Pyridine	3.50	79	584588	44.914	ng		99
4) n-Nitrosodimethylamine	3.42	42	181401	43.264	ng	#	93
6) Aniline	6.86	93	785918	37.541	ng		99
8) 2-Chlorophenol	7.08	128	526271	39.288	ng		99
9) Benzaldehyde	6.68	77	386201	40.520	ng		99
10) Phenol	6.73	94	694203	39.200	ng		97
11) bis(2-Chloroethyl)ether	6.96	93	504387	38.928	ng		99
12) 1,3-Dichlorobenzene	7.39	146	564064	40.111	ng		97
13) 1,4-Dichlorobenzene	7.55	146	572318	40.112	ng		99
14) 1,2-Dichlorobenzene	7.85	146	557097	39.379	ng		99
15) Benzyl Alcohol	7.78	79	565641	38.387	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.04	45	453828	36.742	ng		99
17) 2-Methylphenol	7.97	107	435536	37.160	ng		97
18) Hexachloroethane	8.55	117	222841	40.180	ng		98
19) n-Nitroso-di-n-propylamine	8.33	70	511266	35.883	ng		99
20) 3+4-Methylphenols	8.30	107	595318	36.975	ng		99
22) Acetophenone	8.35	105	813328	39.451	ng	#	99
24) Nitrobenzene	8.73	77	703792	40.140	ng		99
25) Isophorone	9.24	82	1246710	37.840	ng		100
26) 2-Nitrophenol	9.43	139	297188	39.775	ng		98
27) 2,4-Dimethylphenol	9.49	122	409406	38.753	ng		99
28) bis(2-Chloroethoxy)methane	9.72	93	709665	38.466	ng		100
29) 2,4-Dichlorophenol	9.96	162	476081	39.679	ng		98
30) 1,2,4-Trichlorobenzene	10.15	180	523784	40.560	ng		99
31) Naphthalene	10.33	128	1593794	39.257	ng		99
32) Benzoic acid	9.70	122	310244m	32.953	ng		
33) 4-Chloroaniline	10.48	127	642653	38.424	ng		99
34) Hexachlorobutadiene	10.59	225	309687	40.661	ng		99
35) Caprolactam	11.32	113	165699m	36.484	ng		
36) 4-Chloro-3-methylphenol	11.62	107	554288	37.179	ng		99
37) 2-Methylnaphthalene	11.96	142	1114395	37.703	ng		100
38) 1-Methylnaphthalene	12.19	142	1093368	37.464	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.33	216	542795	40.515	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	202652	48.159	ng	98
43) 2,4,6-Trichlorophenol	12.60	196	357378	39.345	ng	98
44) 2,4,5-Trichlorophenol	12.69	196	365278	38.639	ng	99
46) 1,1'-Biphenyl	13.00	154	1491316	39.647	ng	100
47) 2-Chloronaphthalene	13.05	162	1132087	39.457	ng	100
48) 2-Nitroaniline	13.29	65	406101	39.267	ng	96
49) Acenaphthylene	13.90	152	1921815	38.497	ng	100
50) Dimethylphthalate	13.65	163	1465008	38.244	ng	100
51) 2,6-Dinitrotoluene	13.79	165	319911	37.766	ng	89
52) Acenaphthene	14.25	154	1069782	38.649	ng	98
53) 3-Nitroaniline	14.13	138	316613	37.433	ng	98
54) 2,4-Dinitrophenol	14.36	184	152541	34.816	ng	95
55) Dibenzofuran	14.59	168	1732443	38.275	ng	99
56) 4-Nitrophenol	14.47	139	201972	33.905	ng	97
57) 2,4-Dinitrotoluene	14.60	165	458247	37.635	ng	99
58) Fluorene	15.24	166	1472395	38.390	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.82	232	320881	37.200	ng	99
60) Diethylphthalate	15.02	149	1508830	37.872	ng	99
61) 4-Chlorophenyl-phenylether	15.23	204	718060	38.886	ng	97
62) 4-Nitroaniline	15.32	138	310249	37.229	ng	94
63) Azobenzene	15.53	77	1664602	39.092	ng	99
65) 4,6-Dinitro-2-methylphenol	15.37	198	217955	36.699	ng	98
66) n-Nitrosodiphenylamine	15.46	169	1197700	39.358	ng	100
67) 4-Bromophenyl-phenylether	16.13	248	421817	39.416	ng	96
68) Hexachlorobenzene	16.24	284	504751	39.308	ng	98
69) Atrazine	16.43	200	373436	36.149	ng	100
70) Pentachlorophenol	16.60	266	231481	35.282	ng	98
71) Phenanthrene	16.99	178	2129880	38.559	ng	99
72) Anthracene	17.08	178	2126253	38.670	ng	100
73) Carbazole	17.37	167	1963946	38.256	ng	99
74) Di-n-butylphthalate	17.92	149	2599126	38.552	ng	100
75) Fluoranthene	19.02	202	2404487	37.825	ng	99
77) Benzidine	19.23	184	897531	38.077	ng	100
78) Pyrene	19.39	202	2447491	43.262	ng	100
80) Butylbenzylphthalate	20.30	149	1161687	42.354	ng	96
81) Benzo(a)anthracene	21.15	228	2194139	40.544	ng	100
82) 3,3'-Dichlorobenzidine	21.09	252	830385	41.241	ng	97
83) Chrysene	21.20	228	2119721	40.843	ng	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	1657788	40.598	ng	99
85) Di-n-octyl phthalate	21.93	149	2551659	38.511	ng	100
86) Indeno(1,2,3-cd)pyrene	25.55	276	1955582	38.304	ng	99
88) Benzo(b)fluoranthene	22.70	252	1920728	39.472	ng	99
89) Benzo(k)fluoranthene	22.74	252	1770700	38.653	ng	99
90) Benzo(a)pyrene	23.26	252	1658641	38.470	ng	99
91) Dibenzo(a,h)anthracene	25.56	278	1638107	39.407	ng	98
92) Benzo(g,h,i)perylene	26.23	276	1518880	40.341	ng	99

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

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