Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020119\
Data File : BM018714.D
Acq On : 01 Feb 2019 20:02
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
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2/4/2019 12:44:40 PM

Quant Time: Feb 01 22:23:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 22:01:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	289361	20.00	ng		-0.02
21) Naphthalene-d8	10.51	136	1126271	20.00	ng		-0.02
39) Acenaphthene-d10	14.37	164	617814	20.00	ng		-0.02
64) Phenanthrene-d10	17.12	188	1369747	20.00	ng		-0.02
76) Chrysene-d12	21.32	240	1424686	20.00	ng		-0.02
87) Perylene-d12	23.57	264	1453292	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1257186	80.22	ng		-0.02
7) Phenol-d6	6.89	99	1605820	80.68	ng		-0.02
23) Nitrobenzene-d5	8.89	82	1504081	77.42	ng		-0.02
42) 2,4,6-Tribromophenol	15.87	330	658064	83.65	ng		-0.02
45) 2-Fluorobiphenyl	12.99	172	3624518	76.55	ng		-0.02
79) Terphenyl-d14	19.76	244	5437935	80.46	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	236455	37.021	ng		97
3) Pyridine	3.66	79	617714	38.792	ng		95
4) n-Nitrosodimethylamine	3.58	42	248152	37.686	ng	#	94
6) Aniline	7.06	93	933098	42.027	ng		99
8) 2-Chlorophenol	7.29	128	732472	40.021	ng		96
9) Benzaldehyde	6.88	77	391270	32.380	ng		98
10) Phenol	6.92	94	812058	40.150	ng		99
11) bis(2-Chloroethyl)ether	7.16	93	616907	38.818	ng		95
12) 1,3-Dichlorobenzene	7.60	146	840860	38.578	ng		98
13) 1,4-Dichlorobenzene	7.76	146	860823	38.966	ng		99
14) 1,2-Dichlorobenzene	8.07	146	817370	39.020	ng		100
15) Benzyl Alcohol	7.97	79	588211	40.917	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	804705	39.622	ng		95
17) 2-Methylphenol	8.16	107	553539	40.319	ng		99
18) Hexachloroethane	8.79	117	300828	38.192	ng		93
19) n-Nitroso-di-n-propylamine	8.53	70	498673	38.499	ng		94
20) 3+4-Methylphenols	8.49	107	764090	40.316	ng		99
22) Acetophenone	8.55	105	1057235	37.947	ng	#	97
24) Nitrobenzene	8.93	77	742855	38.860	ng		99
25) Isophorone	9.45	82	1156988	39.327	ng		98
26) 2-Nitrophenol	9.63	139	412986	44.680	ng		96
27) 2,4-Dimethylphenol	9.69	122	553248	39.933	ng		99
28) bis(2-Chloroethoxy)methane	9.93	93	786102	38.679	ng		98
29) 2,4-Dichlorophenol	10.16	162	674997	40.915	ng		99
30) 1,2,4-Trichlorobenzene	10.37	180	771091	37.656	ng		99
31) Naphthalene	10.56	128	2074519	38.246	ng		100
32) Benzoic acid	9.85	122	458437m	48.990	ng		
33) 4-Chloroaniline	10.68	127	921270	43.127	ng		98
34) Hexachlorobutadiene	10.83	225	484707	37.468	ng		99
35) Caprolactam	11.50	113	226332	40.352	ng		92
36) 4-Chloro-3-methylphenol	11.80	107	692059	39.985	ng		99
37) 2-Methylnaphthalene	12.17	142	1447426	37.769	ng		99
38) 1-Methylnaphthalene	12.40	142	1406732	37.937	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	840008	38.881	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	525518	44.320	ng		98
43) 2,4,6-Trichlorophenol	12.79	196	550577	41.966	ng		98
44) 2,4,5-Trichlorophenol	12.87	196	574355	41.626	ng		98
46) 1,1'-Biphenyl	13.20	154	2067646	38.329	ng		99
47) 2-Chloronaphthalene	13.24	162	1610084	38.490	ng		100
48) 2-Nitroaniline	13.46	65	430792	41.859	ng		91
49) Acenaphthylene	14.09	152	2389532	39.197	ng		99
50) Dimethylphthalate	13.83	163	1931517	38.067	ng		99
51) 2,6-Dinitrotoluene	13.96	165	435714	40.540	ng		92
52) Acenaphthene	14.43	154	1425254	38.210	ng		99
53) 3-Nitroaniline	14.30	138	465557	42.966	ng		96
54) 2,4-Dinitrophenol	14.50	184	316460	56.696	ng	#	88
55) Dibenzofuran	14.77	168	2323097	37.694	ng		100
56) 4-Nitrophenol	14.60	139	368793	39.398	ng		98
57) 2,4-Dinitrotoluene	14.75	165	594616	39.102	ng		99
58) Fluorene	15.42	166	1757475	38.280	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	490904	40.138	ng		96
60) Diethylphthalate	15.20	149	1957468	38.215	ng		99
61) 4-Chlorophenyl-phenylether	15.42	204	1002507	37.887	ng		99
62) 4-Nitroaniline	15.46	138	450452	38.113	ng		96
63) Azobenzene	15.71	77	1622111	38.842	ng		97
65) 4,6-Dinitro-2-methylphenol	15.51	198	351741	41.154	ng		91
66) n-Nitrosodiphenylamine	15.64	169	1672714	39.368	ng		99
67) 4-Bromophenyl-phenylether	16.32	248	599821	39.132	ng		97
68) Hexachlorobenzene	16.42	284	658347	38.366	ng		100
69) Atrazine	16.59	200	573457	37.333	ng		99
70) Pentachlorophenol	16.77	266	459083	40.850	ng		98
71) Phenanthrene	17.16	178	2775399	38.094	ng		99
72) Anthracene	17.26	178	2759956	39.394	ng		100
73) Carbazole	17.53	167	2844860	39.524	ng		100
74) Di-n-butylphthalate	18.09	149	3287716	41.699	ng		99
75) Fluoranthene	19.19	202	3248804	38.677	ng		98
77) Benzidine	19.39	184	1348707	38.340	ng		99
78) Pyrene	19.55	202	3378875	40.011	ng		100
80) Butylbenzylphthalate	20.45	149	1560841	43.315	ng		96
81) Benzo(a)anthracene	21.30	228	3264062	38.890	ng		99
82) 3,3'-Dichlorobenzidine	21.24	252	1282532	40.410	ng		99
83) Chrysene	21.35	228	3092516	38.157	ng		99
84) Bis(2-ethylhexyl)phthalate	21.22	149	2188051	42.050	ng		98
85) Di-n-octyl phthalate	22.10	149	3697637	42.250	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.87	276	3605070	38.575	ng		97
88) Benzo(b)fluoranthene	22.89	252	3131365	37.953	ng		99
89) Benzo(k)fluoranthene	22.94	252	3134443	37.697	ng		98
90) Benzo(a)pyrene	23.48	252	3017160	38.198	ng		98
91) Dibenzo(a,h)anthracene	25.89	278	3063109	38.272	ng		98
92) Benzo(g,h,i)perylene	26.58	276	3006436	38.601	ng		98

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

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