Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
Data File : BM019249.D
Acq On : 20 Mar 2019 02:12
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/20/2019 6:48:20 PM

Quant Time: Mar 20 05:22:44 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	7.64	152	205861	20.00	ng		-0.02
21) Naphthalene-d8	10.42	136	997540	20.00	ng		-0.03
39) Acenaphthene-d10	14.30	164	632517	20.00	ng		-0.02
64) Phenanthrene-d10	17.05	188	1429125	20.00	ng		-0.02
76) Chrysene-d12	21.25	240	1424082	20.00	ng		-0.02
87) Perylene-d12	23.48	264	1242439	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	940523	73.99	ng		-0.02
7) Phenol-d6	6.82	99	1463147	78.69	ng		-0.02
23) Nitrobenzene-d5	8.81	82	1576415	74.70	ng		-0.02
42) 2,4,6-Tribromophenol	15.80	330	748645	80.16	ng		-0.02
45) 2-Fluorobiphenyl	12.91	172	3580041	73.62	ng		-0.02
79) Terphenyl-d14	19.69	244	5913379	82.43	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	193468	34.213	ng		99
3) Pyridine	3.60	79	602870	39.187	ng		99
4) n-Nitrosodimethylamine	3.52	42	167086	34.935	ng		96
6) Aniline	6.99	93	928866	38.694	ng		99
8) 2-Chlorophenol	7.20	128	592109	38.762	ng		99
9) Benzaldehyde	6.80	77	425112	36.349	ng		99
10) Phenol	6.85	94	787272	39.288	ng		100
11) bis(2-Chloroethyl)ether	7.08	93	582917	38.123	ng		99
12) 1,3-Dichlorobenzene	7.52	146	603919	37.359	ng		99
13) 1,4-Dichlorobenzene	7.67	146	623178	37.812	ng		98
14) 1,2-Dichlorobenzene	7.99	146	605964	37.791	ng		98
15) Benzyl Alcohol	7.89	79	608210	39.524	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.16	45	580001	37.149	ng		100
17) 2-Methylphenol	8.09	107	519213	39.763	ng		99
18) Hexachloroethane	8.69	117	228763	37.355	ng		98
19) n-Nitroso-di-n-propylamine	8.45	70	605938	39.723	ng		99
20) 3+4-Methylphenols	8.42	107	722385	40.756	ng		100
22) Acetophenone	8.47	105	1043536	37.853	ng	#	99
24) Nitrobenzene	8.85	77	823650	37.528	ng		99
25) Isophorone	9.37	82	1544921	38.366	ng		99
26) 2-Nitrophenol	9.55	139	358068	39.359	ng		100
27) 2,4-Dimethylphenol	9.61	122	526966	38.963	ng		99
28) bis(2-Chloroethoxy)methane	9.85	93	904576	37.938	ng		99
29) 2,4-Dichlorophenol	10.08	162	607661	40.568	ng		99
30) 1,2,4-Trichlorobenzene	10.29	180	639547	37.865	ng		100
31) Naphthalene	10.47	128	1965490	37.383	ng		100
32) Benzoic acid	9.79	122	423160m	36.944	ng		
33) 4-Chloroaniline	10.60	127	857666	39.793	ng		99
34) Hexachlorobutadiene	10.73	225	361205	37.266	ng		99
35) Caprolactam	11.43	113	224503m	42.075	ng		
36) 4-Chloro-3-methylphenol	11.73	107	739339	40.003	ng		99
37) 2-Methylnaphthalene	12.09	142	1472124	38.530	ng		100
38) 1-Methylnaphthalene	12.32	142	1461789	38.816	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	741963	37.083	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	243613	26.880	ng	99
43) 2,4,6-Trichlorophenol	12.72	196	503965	38.976	ng	98
44) 2,4,5-Trichlorophenol	12.79	196	536791	38.823	ng	98
46) 1,1'-Biphenyl	13.12	154	2033230	36.808	ng	99
47) 2-Chloronaphthalene	13.16	162	1526017	37.011	ng	99
48) 2-Nitroaniline	13.39	65	529380	38.283	ng	98
49) Acenaphthylene	14.02	152	2629093	37.711	ng	99
50) Dimethylphthalate	13.77	163	1987956	36.740	ng	99
51) 2,6-Dinitrotoluene	13.90	165	452453	38.682	ng	95
52) Acenaphthene	14.36	154	1468485	36.657	ng	99
53) 3-Nitroaniline	14.23	138	460059	37.136	ng	97
54) 2,4-Dinitrophenol	14.45	184	192800	28.383	ng	95
55) Dibenzofuran	14.70	168	2407097	37.259	ng	99
56) 4-Nitrophenol	14.55	139	362167	35.806	ng	98
57) 2,4-Dinitrotoluene	14.69	165	641421	37.778	ng	97
58) Fluorene	15.35	166	2010969	37.763	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	492650	38.273	ng	99
60) Diethylphthalate	15.13	149	2050634	37.420	ng	98
61) 4-Chlorophenyl-phenylether	15.34	204	975447	37.715	ng	98
62) 4-Nitroaniline	15.40	138	463209	37.102	ng	98
63) Azobenzene	15.64	77	2182709	37.851	ng	100
65) 4,6-Dinitro-2-methylphenol	15.45	198	300527	32.090	ng	98
66) n-Nitrosodiphenylamine	15.57	169	1710811	37.602	ng	99
67) 4-Bromophenyl-phenylether	16.24	248	597293	37.900	ng	97
68) Hexachlorobenzene	16.34	284	716493	38.240	ng	100
69) Atrazine	16.53	200	569646	37.193	ng	99
70) Pentachlorophenol	16.70	266	410490	36.364	ng	100
71) Phenanthrene	17.09	178	3107425	37.096	ng	100
72) Anthracene	17.19	178	3109605	37.920	ng	100
73) Carbazole	17.47	167	2886336	37.292	ng	99
74) Di-n-butylphthalate	18.02	149	3631447	38.800	ng	99
75) Fluoranthene	19.12	202	3550689	36.941	ng	98
77) Benzidine	19.32	184	1432527	35.469	ng	100
78) Pyrene	19.49	202	3632336	40.313	ng	100
80) Butylbenzylphthalate	20.39	149	1656534	42.210	ng	97
81) Benzo(a)anthracene	21.24	228	3322915	37.193	ng	100
82) 3,3'-Dichlorobenzidine	21.18	252	1297263	37.692	ng	99
83) Chrysene	21.29	228	3188206	36.887	ng	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	2479820	43.433	ng	99
85) Di-n-octyl phthalate	22.03	149	3982822	41.427	ng	100
86) Indeno(1,2,3-cd)pyrene	25.74	276	3095305	33.268	ng	100
88) Benzo(b)fluoranthene	22.81	252	3085636	38.327	ng	99
89) Benzo(k)fluoranthene	22.86	252	2874336	38.817	ng	99
90) Benzo(a)pyrene	23.39	252	2727346	37.697	ng	100
91) Dibenzo(a,h)anthracene	25.74	278	2599931	37.566	ng	99
92) Benzo(g,h,i)perylene	26.43	276	2416932	38.038	ng	100

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

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