Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
Data File : BM018869.D
Acq On : 19 Feb 2019 23:52
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/20/2019 10:18:44 AM

Quant Time: Feb 20 05:06:34 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	7.70	152	241499	20.00	ng		-0.01
21) Naphthalene-d8	10.49	136	1057449	20.00	ng		-0.02
39) Acenaphthene-d10	14.35	164	646379	20.00	ng		-0.01
64) Phenanthrene-d10	17.10	188	1544741	20.00	ng		-0.01
76) Chrysene-d12	21.30	240	1783537	20.00	ng		-0.01
87) Perylene-d12	23.55	264	1710783	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1189908	80.73	ng		-0.01
7) Phenol-d6	6.87	99	1740685	83.83	ng		-0.01
23) Nitrobenzene-d5	8.87	82	1874411	81.96	ng		-0.02
42) 2,4,6-Tribromophenol	15.85	330	789165	84.70	ng		-0.01
45) 2-Fluorobiphenyl	12.97	172	3760724	77.23	ng		-0.01
79) Terphenyl-d14	19.74	244	7173566	82.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	243105	37.869	ng		97
3) Pyridine	3.65	79	752456	42.971	ng		100
4) n-Nitrosodimethylamine	3.57	42	195060	43.787	ng		89
6) Aniline	7.05	93	1068520	42.000	ng		99
8) 2-Chlorophenol	7.27	128	667171	41.228	ng		99
9) Benzaldehyde	6.86	77	493833	44.960	ng		97
10) Phenol	6.90	94	917690	42.004	ng		99
11) bis(2-Chloroethyl)ether	7.14	93	680145	40.810	ng		99
12) 1,3-Dichlorobenzene	7.59	146	724771	39.831	ng		100
13) 1,4-Dichlorobenzene	7.74	146	739353	39.912	ng		100
14) 1,2-Dichlorobenzene	8.05	146	720212	40.475	ng		99
15) Benzyl Alcohol	7.95	79	719779	43.626	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	689673	42.756	ng		97
17) 2-Methylphenol	8.15	107	586229	42.158	ng		97
18) Hexachloroethane	8.76	117	270989	40.073	ng		95
19) n-Nitroso-di-n-propylamine	8.51	70	689829	42.908	ng		98
20) 3+4-Methylphenols	8.47	107	825676	43.001	ng		99
22) Acetophenone	8.53	105	1170422	40.304	ng	#	99
24) Nitrobenzene	8.91	77	962729	40.556	ng		99
25) Isophorone	9.43	82	1511053	41.410	ng		100
26) 2-Nitrophenol	9.62	139	382088	40.417	ng		99
27) 2,4-Dimethylphenol	9.67	122	565947	40.988	ng		97
28) bis(2-Chloroethoxy)methane	9.92	93	945809	40.082	ng		100
29) 2,4-Dichlorophenol	10.14	162	656362	41.400	ng		99
30) 1,2,4-Trichlorobenzene	10.35	180	711446	38.857	ng		98
31) Naphthalene	10.54	128	2059717	39.938	ng		99
32) Benzoic acid	9.82	122	420054m	34.876	ng		
33) 4-Chloroaniline	10.66	127	965779	41.892	ng		99
34) Hexachlorobutadiene	10.80	225	390166	36.713	ng		99
35) Caprolactam	11.49	113	280175	43.301	ng		89
36) 4-Chloro-3-methylphenol	11.79	107	825867	43.205	ng		99
37) 2-Methylnaphthalene	12.16	142	1467697	40.421	ng		98
38) 1-Methylnaphthalene	12.38	142	1438969	40.526	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	766959	37.092	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	303806	28.738	ng	100
43) 2,4,6-Trichlorophenol	12.77	196	549009	40.108	ng	100
44) 2,4,5-Trichlorophenol	12.85	196	576540	40.185	ng	96
46) 1,1'-Biphenyl	13.18	154	2172318	39.043	ng	100
47) 2-Chloronaphthalene	13.22	162	1685148	39.213	ng	99
48) 2-Nitroaniline	13.45	65	640120	44.849	ng	97
49) Acenaphthylene	14.07	152	2608632	40.766	ng	99
50) Dimethylphthalate	13.82	163	2179473	40.459	ng	99
51) 2,6-Dinitrotoluene	13.95	165	489456	41.944	ng	93
52) Acenaphthene	14.42	154	1565997	39.911	ng	100
53) 3-Nitroaniline	14.28	138	553356	41.969	ng	99
54) 2,4-Dinitrophenol	14.49	184	87728	16.756	ng	95
55) Dibenzofuran	14.75	168	2619937	40.624	ng	99
56) 4-Nitrophenol	14.59	139	383864	36.471	ng	96
57) 2,4-Dinitrotoluene	14.73	165	692896	43.096	ng	95
58) Fluorene	15.40	166	2020961	40.961	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.98	232	512980	40.451	ng	96
60) Diethylphthalate	15.19	149	2297286	41.342	ng	99
61) 4-Chlorophenyl-phenylether	15.40	204	1098871	39.723	ng	98
62) 4-Nitroaniline	15.45	138	540947	41.849	ng	99
63) Azobenzene	15.69	77	2583867	43.367	ng	98
65) 4,6-Dinitro-2-methylphenol	15.50	198	246315	22.711	ng	99
66) n-Nitrosodiphenylamine	15.62	169	1939073	39.731	ng	100
67) 4-Bromophenyl-phenylether	16.30	248	660819	38.218	ng	98
68) Hexachlorobenzene	16.40	284	777282	38.675	ng	98
69) Atrazine	16.57	200	588255	37.388	ng	98
70) Pentachlorophenol	16.75	266	494201	38.190	ng	98
71) Phenanthrene	17.14	178	3332904	40.147	ng	100
72) Anthracene	17.24	178	3296103	40.792	ng	100
73) Carbazole	17.52	167	3507627	41.550	ng	99
74) Di-n-butylphthalate	18.07	149	4078364	42.007	ng	100
75) Fluoranthene	19.17	202	3913588	40.811	ng	98
77) Benzidine	19.37	184	1425856	35.498	ng	100
78) Pyrene	19.53	202	4178591	40.339	ng	100
80) Butylbenzylphthalate	20.43	149	2032025	43.044	ng	98
81) Benzo(a)anthracene	21.28	228	4180358	40.209	ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	1647288	40.091	ng	99
83) Chrysene	21.33	228	3991551	40.056	ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	2957065	42.797	ng	100
85) Di-n-octyl phthalate	22.09	149	5056628	43.544	ng	99
86) Indeno(1,2,3-cd)pyrene	25.84	276	4030089	35.029	ng	99
88) Benzo(b)fluoranthene	22.87	252	4020904	41.080	ng	99
89) Benzo(k)fluoranthene	22.92	252	4109360	42.171	ng	99
90) Benzo(a)pyrene	23.45	252	3779640	40.762	ng	99
91) Dibenzo(a,h)anthracene	25.85	278	3505783	38.162	ng	99
92) Benzo(g,h,i)perylene	26.54	276	3151676	36.851	ng	99

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

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