Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020034.D
Acq On : 23 Apr 2019 13:36
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/24/2019 11:49:01 AM

Quant Time: Apr 23 14:28:52 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	7.49	152	153447	20.00	ng		-0.02
21) Naphthalene-d8	10.27	136	630719	20.00	ng		-0.02
39) Acenaphthene-d10	14.16	164	351164	20.00	ng		-0.01
64) Phenanthrene-d10	16.93	188	756839	20.00	ng		-0.02
76) Chrysene-d12	21.15	240	810445	20.00	ng		-0.01
87) Perylene-d12	23.33	264	925032	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	815235	86.10	ng		-0.02
7) Phenol-d6	6.69	99	1129016	79.23	ng		-0.02
23) Nitrobenzene-d5	8.67	82	1198328	84.97	ng		-0.02
42) 2,4,6-Tribromophenol	15.67	330	440806	77.98	ng		-0.02
45) 2-Fluorobiphenyl	12.76	172	2398071	85.10	ng		-0.02
79) Terphenyl-d14	19.57	244	3689308	80.29	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	181379	44.392	ng		98
3) Pyridine	3.49	79	510465	44.611	ng		98
4) n-Nitrosodimethylamine	3.41	42	162512	44.088	ng	#	93
6) Aniline	6.85	93	689474	37.462	ng		98
8) 2-Chlorophenol	7.06	128	468107	39.750	ng		98
9) Benzaldehyde	6.67	77	344165	41.262	ng		99
10) Phenol	6.72	94	609470	39.147	ng		95
11) bis(2-Chloroethyl)ether	6.95	93	435281	38.213	ng		98
12) 1,3-Dichlorobenzene	7.37	146	511995	41.414	ng		98
13) 1,4-Dichlorobenzene	7.53	146	518872	41.366	ng		99
14) 1,2-Dichlorobenzene	7.83	146	505078	40.610	ng		98
15) Benzyl Alcohol	7.76	79	483242	37.303	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.02	45	367970	33.887	ng		97
17) 2-Methylphenol	7.95	107	379065	36.788	ng		97
18) Hexachloroethane	8.53	117	202273	41.485	ng		97
19) n-Nitroso-di-n-propylamine	8.31	70	427132	34.100	ng		98
20) 3+4-Methylphenols	8.29	107	512050	36.176	ng		98
22) Acetophenone	8.33	105	688858	40.099	ng	#	100
24) Nitrobenzene	8.71	77	614981	42.093	ng		99
25) Isophorone	9.22	82	1029884	37.513	ng		100
26) 2-Nitrophenol	9.41	139	250908	40.300	ng		92
27) 2,4-Dimethylphenol	9.47	122	348250	39.560	ng		99
28) bis(2-Chloroethoxy)methane	9.70	93	591419	38.471	ng		99
29) 2,4-Dichlorophenol	9.94	162	411268	41.135	ng		99
30) 1,2,4-Trichlorobenzene	10.13	180	462625	42.992	ng		97
31) Naphthalene	10.32	128	1377703	40.724	ng		99
32) Benzoic acid	9.68	122	253190m	32.379	ng		
33) 4-Chloroaniline	10.47	127	538841	38.664	ng		99
34) Hexachlorobutadiene	10.57	225	284712	44.861	ng		98
35) Caprolactam	11.30	113	136009m	35.939	ng		
36) 4-Chloro-3-methylphenol	11.60	107	468477	37.711	ng		99
37) 2-Methylnaphthalene	11.95	142	951445	38.630	ng		99
38) 1-Methylnaphthalene	12.17	142	931256	38.294	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	478834	44.201	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	235945	64.212 ng	96
43) 2,4,6-Trichlorophenol	12.58	196	303338	41.301 ng	100
44) 2,4,5-Trichlorophenol	12.67	196	308666	40.379 ng	98
46) 1,1'-Biphenyl	12.98	154	1264103	41.561 ng	99
47) 2-Chloronaphthalene	13.03	162	965336	41.609 ng	99
48) 2-Nitroaniline	13.27	65	335079	40.069 ng	97
49) Acenaphthylene	13.88	152	1602378	39.696 ng	99
50) Dimethylphthalate	13.63	163	1218543	39.340 ng	99
51) 2,6-Dinitrotoluene	13.78	165	267347	39.032 ng	94
52) Acenaphthene	14.23	154	907528	40.548 ng	98
53) 3-Nitroaniline	14.12	138	261942	38.300 ng	96
54) 2,4-Dinitrophenol	14.35	184	164640	43.968 ng	95
55) Dibenzofuran	14.57	168	1453429	39.712 ng	99
56) 4-Nitrophenol	14.45	139	219871	43.618 ng	91
57) 2,4-Dinitrotoluene	14.59	165	378838	38.478 ng	95
58) Fluorene	15.22	166	1222214	39.411 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	273872	39.266 ng	99
60) Diethylphthalate	15.00	149	1248684	38.761 ng	100
61) 4-Chlorophenyl-phenylether	15.22	204	604783	40.504 ng	95
62) 4-Nitroaniline	15.30	138	255969	37.986 ng	94
63) Azobenzene	15.51	77	1378627	40.040 ng	98
65) 4,6-Dinitro-2-methylphenol	15.36	198	177394	36.736 ng	99
66) n-Nitrosodiphenylamine	15.44	169	996473	40.273 ng	99
67) 4-Bromophenyl-phenylether	16.12	248	353734	40.652 ng	99
68) Hexachlorobenzene	16.22	284	425322	40.737 ng	98
69) Atrazine	16.41	200	293037	34.887 ng	99
70) Pentachlorophenol	16.59	266	190834	35.772 ng	98
71) Phenanthrene	16.97	178	1789351	39.840 ng	99
72) Anthracene	17.06	178	1770536	39.602 ng	100
73) Carbazole	17.35	167	1651692	39.570 ng	98
74) Di-n-butylphthalate	17.90	149	2132155	38.895 ng	100
75) Fluoranthene	19.00	202	2074572	40.137 ng	99
77) Benzidine	19.22	184	906080	40.520 ng	99
78) Pyrene	19.37	202	2145116	39.969 ng	100
80) Butylbenzylphthalate	20.28	149	1014872	39.003 ng	98
81) Benzo(a)anthracene	21.13	228	2190674	42.670 ng	99
82) 3,3'-Dichlorobenzidine	21.08	252	848203	44.406 ng	99
83) Chrysene	21.19	228	2083156	42.311 ng	100
84) Bis(2-ethylhexyl)phthalate	21.05	149	1516066	39.137 ng	99
85) Di-n-octyl phthalate	21.92	149	2641545	42.025 ng	100
86) Indeno(1,2,3-cd)pyrene	25.52	276	3063601	63.253 ng	98
88) Benzo(b)fluoranthene	22.68	252	2320082	37.772 ng	100
89) Benzo(k)fluoranthene	22.72	252	2253252	38.966 ng	99
90) Benzo(a)pyrene	23.24	252	2192571	40.286 ng	99
91) Dibenzo(a,h)anthracene	25.53	278	2595909	49.472 ng	100
92) Benzo(g,h,i)perylene	26.19	276	2342224	49.283 ng	99

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

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