Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
Data File : BM020108.D
Acq On : 03 May 2019 12:49
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
5/7/2019 11:58:57 PM

Quant Time: May 06 02:56:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	105384	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	441437	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	278118	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	656122	20.00	ng	0.00
76) Chrysene-d12	21.36	240	619679	20.00	ng	-0.01
87) Perylene-d12	23.64	264	629815	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	572380	88.78	ng	0.00
7) Phenol-d6	6.95	99	810504	92.02	ng	0.00
23) Nitrobenzene-d5	8.95	82	989177	88.47	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	394278	91.33	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	2001466	88.54	ng	0.00
79) Terphenyl-d14	19.80	244	3336794	93.92	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	137308	43.425	ng	96
3) Pyridine	3.69	79	380176	47.012	ng	99
4) n-Nitrosodimethylamine	3.62	42	118648	45.754	ng	89
6) Aniline	7.12	93	511401	46.125	ng	100
8) 2-Chlorophenol	7.35	128	320296	45.627	ng	97
9) Benzaldehyde	6.94	77	300420	45.066	ng	99
10) Phenol	6.97	94	435010	45.879	ng	97
11) bis(2-Chloroethyl)ether	7.22	93	323415	46.929	ng	97
12) 1,3-Dichlorobenzene	7.67	146	368679	45.139	ng	97
13) 1,4-Dichlorobenzene	7.82	146	370740	44.933	ng	98
14) 1,2-Dichlorobenzene	8.13	146	356088	45.299	ng	100
15) Benzyl Alcohol	8.03	79	389793	45.896	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.32	45	245680	42.993	ng	96
17) 2-Methylphenol	8.22	107	281811	46.170	ng	97
18) Hexachloroethane	8.86	117	150318	43.693	ng	97
19) n-Nitroso-di-n-propylamine	8.59	70	348347	46.228	ng	96
20) 3+4-Methylphenols	8.55	107	380003	46.844	ng	97
22) Acetophenone	8.61	105	528357	43.794	ng	98
24) Nitrobenzene	8.99	77	503019	43.389	ng	99
25) Isophorone	9.51	82	859191	44.560	ng	99
26) 2-Nitrophenol	9.70	139	170823	48.807	ng	97
27) 2,4-Dimethylphenol	9.75	122	259729	44.574	ng	98
28) bis(2-Chloroethoxy)methane	10.00	93	465333	44.311	ng	100
29) 2,4-Dichlorophenol	10.22	162	332163	45.207	ng	99
30) 1,2,4-Trichlorobenzene	10.44	180	402590	44.530	ng	99
31) Naphthalene	10.63	128	1014326	44.278	ng	99
32) Benzoic acid	9.87	122	180775	44.209	ng	92
33) 4-Chloroaniline	10.75	127	425858	45.167	ng	98
34) Hexachlorobutadiene	10.90	225	280061	43.790	ng	97
35) Caprolactam	11.53	113	104926m	47.758	ng	
36) 4-Chloro-3-methylphenol	11.86	107	390776	45.258	ng	96
37) 2-Methylnaphthalene	12.25	142	752718	45.071	ng	98
38) 1-Methylnaphthalene	12.46	142	734027	44.947	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	490891	45.114	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	279512	43.627	ng		99
43) 2,4,6-Trichlorophenol	12.85	196	287472	46.487	ng		98
44) 2,4,5-Trichlorophenol	12.92	196	319870	46.302	ng		98
46) 1,1'-Biphenyl	13.26	154	1023493	44.710	ng		100
47) 2-Chloronaphthalene	13.30	162	812676	44.464	ng		100
48) 2-Nitroaniline	13.52	65	292700	44.982	ng		95
49) Acenaphthylene	14.15	152	1294061	44.240	ng		99
50) Dimethylphthalate	13.89	163	1033109	43.706	ng		99
51) 2,6-Dinitrotoluene	14.02	165	222432	44.677	ng		97
52) Acenaphthene	14.49	154	748822	44.642	ng		99
53) 3-Nitroaniline	14.34	138	208159	45.049	ng		99
54) 2,4-Dinitrophenol	14.54	184	109840	47.853	ng		99
55) Dibenzofuran	14.83	168	1248852	44.139	ng		99
56) 4-Nitrophenol	14.64	139	178895	45.376	ng		94
57) 2,4-Dinitrotoluene	14.80	165	309300	45.720	ng		96
58) Fluorene	15.48	166	1027985	44.239	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	302872	46.134	ng		96
60) Diethylphthalate	15.26	149	1003935	42.156	ng		100
61) 4-Chlorophenyl-phenylether	15.47	204	576598	43.794	ng		96
62) 4-Nitroaniline	15.51	138	225782	44.276	ng		99
63) Azobenzene	15.77	77	1187470	42.266	ng		99
65) 4,6-Dinitro-2-methylphenol	15.56	198	157864	47.732	ng		97
66) n-Nitrosodiphenylamine	15.69	169	875746	45.360	ng		98
67) 4-Bromophenyl-phenylether	16.37	248	365576	45.437	ng		97
68) Hexachlorobenzene	16.47	284	418425	45.193	ng		98
69) Atrazine	16.64	200	330614	43.819	ng		97
70) Pentachlorophenol	16.82	266	250333	47.256	ng		98
71) Phenanthrene	17.22	178	1626306	44.903	ng		99
72) Anthracene	17.31	178	1609049	44.434	ng		99
73) Carbazole	17.58	167	1434566	43.905	ng		99
74) Di-n-butylphthalate	18.14	149	1607741	40.886	ng		98
75) Fluoranthene	19.23	202	1946501	42.476	ng		100
77) Benzidine	19.43	184	903504	45.605	ng		98
78) Pyrene	19.60	202	2002029m	48.120	ng		
80) Butylbenzylphthalate	20.50	149	655680	43.338	ng		98
81) Benzo(a)anthracene	21.34	228	1936713	44.565	ng		99
82) 3,3'-Dichlorobenzidine	21.28	252	719144	43.357	ng		99
83) Chrysene	21.40	228	1869115	44.348	ng		100
84) Bis(2-ethylhexyl)phthalate	21.27	149	914741	38.963	ng		99
85) Di-n-octyl phthalate	22.16	149	1487753	38.128	ng		99
86) Indeno(1,2,3-cd)pyrene	25.97	276	2058274	41.057	ng	#	100
88) Benzo(b)fluoranthene	22.95	252	1862672	44.787	ng		99
89) Benzo(k)fluoranthene	23.00	252	1765079	46.526	ng		98
90) Benzo(a)pyrene	23.54	252	1711760	45.312	ng		99
91) Dibenzo(a,h)anthracene	25.98	278	1719242	43.762	ng		98
92) Benzo(g,h,i)perylene	26.68	276	1640296	43.977	ng		98

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

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