Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050219\
Data File : BM020101.D
Acq On : 02 May 2019 09:37
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
5/3/2019 4:34:52 PM

Quant Time: May 02 13:48:57 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	85636	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	343704	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	216410	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	522284	20.00	ng	0.00
76) Chrysene-d12	21.36	240	565448	20.00	ng	0.00
87) Perylene-d12	23.64	264	620488	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	462820	88.34	ng	0.00
7) Phenol-d6	6.95	99	646327	90.30	ng	0.00
23) Nitrobenzene-d5	8.95	82	777483	89.31	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	305868	91.06	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1578624	89.75	ng	0.00
79) Terphenyl-d14	19.80	244	2825481	87.16	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	112326	43.716	ng	95
3) Pyridine	3.70	79	310142	47.195	ng	98
4) n-Nitrosodimethylamine	3.62	42	93706	44.468	ng	93
6) Aniline	7.12	93	399606	44.354	ng	98
8) 2-Chlorophenol	7.35	128	256961	45.046	ng	99
9) Benzaldehyde	6.94	77	237974	43.930	ng	95
10) Phenol	6.97	94	346895	45.022	ng	98
11) bis(2-Chloroethyl)ether	7.22	93	243729	43.522	ng	100
12) 1,3-Dichlorobenzene	7.67	146	293950	44.289	ng	97
13) 1,4-Dichlorobenzene	7.82	146	297077	44.308	ng	96
14) 1,2-Dichlorobenzene	8.13	146	286848	44.906	ng	96
15) Benzyl Alcohol	8.03	79	299569	43.407	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.30	45	193680	41.709	ng	98
17) 2-Methylphenol	8.22	107	221024	44.562	ng	98
18) Hexachloroethane	8.86	117	124092	44.388	ng	97
19) n-Nitroso-di-n-propylamine	8.59	70	267929	43.755	ng	96
20) 3+4-Methylphenols	8.55	107	295862	44.882	ng	99
22) Acetophenone	8.61	105	415547	44.238	ng	98
24) Nitrobenzene	8.99	77	398696	44.170	ng	99
25) Isophorone	9.51	82	652294	43.449	ng	99
26) 2-Nitrophenol	9.70	139	128663	47.214	ng	98
27) 2,4-Dimethylphenol	9.75	122	198126	43.670	ng	99
28) bis(2-Chloroethoxy)methane	10.00	93	356435	43.592	ng	97
29) 2,4-Dichlorophenol	10.22	162	262286	45.848	ng	98
30) 1,2,4-Trichlorobenzene	10.44	180	318563	45.256	ng	99
31) Naphthalene	10.63	128	795499	44.600	ng	100
32) Benzoic acid	9.87	122	127919	40.781	ng	97
33) 4-Chloroaniline	10.75	127	331305	45.130	ng	99
34) Hexachlorobutadiene	10.90	225	227174	45.621	ng	98
35) Caprolactam	11.53	113	78354m	45.805	ng	
36) 4-Chloro-3-methylphenol	11.86	107	300865	44.753	ng	97
37) 2-Methylnaphthalene	12.24	142	581427	44.715	ng	99
38) 1-Methylnaphthalene	12.46	142	572457	45.021	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	382108	45.130	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	221804	44.492	ng		97
43) 2,4,6-Trichlorophenol	12.85	196	218592	45.427	ng		98
44) 2,4,5-Trichlorophenol	12.92	196	242826	45.172	ng		98
46) 1,1'-Biphenyl	13.26	154	791565	44.438	ng		97
47) 2-Chloronaphthalene	13.30	162	629470	44.260	ng		99
48) 2-Nitroaniline	13.52	65	225232	44.484	ng		97
49) Acenaphthylene	14.15	152	1000561	43.960	ng		100
50) Dimethylphthalate	13.89	163	794636	43.203	ng		99
51) 2,6-Dinitrotoluene	14.02	165	172529	44.535	ng		99
52) Acenaphthene	14.49	154	580101	44.444	ng		99
53) 3-Nitroaniline	14.34	138	160107	44.529	ng		94
54) 2,4-Dinitrophenol	14.54	184	81445	45.999	ng		92
55) Dibenzofuran	14.83	168	981237	44.569	ng		99
56) 4-Nitrophenol	14.64	139	138053	45.002	ng		97
57) 2,4-Dinitrotoluene	14.80	165	240069	45.606	ng		99
58) Fluorene	15.48	166	804368	44.486	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	234575	45.919	ng		97
60) Diethylphthalate	15.26	149	792549	42.769	ng		99
61) 4-Chlorophenyl-phenylether	15.47	204	455651	44.476	ng		98
62) 4-Nitroaniline	15.51	138	175825	44.311	ng		94
63) Azobenzene	15.77	77	945765	43.262	ng		99
65) 4,6-Dinitro-2-methylphenol	15.56	198	119461	45.730	ng		96
66) n-Nitrosodiphenylamine	15.69	169	686136	44.646	ng		100
67) 4-Bromophenyl-phenylether	16.37	248	288341	45.021	ng		98
68) Hexachlorobenzene	16.47	284	325658	44.187	ng		98
69) Atrazine	16.64	200	269842	44.929	ng		98
70) Pentachlorophenol	16.82	266	193898	45.982	ng		99
71) Phenanthrene	17.22	178	1287515	44.658	ng		99
72) Anthracene	17.31	178	1292702	44.846	ng		100
73) Carbazole	17.58	167	1154008	44.369	ng		99
74) Di-n-butylphthalate	18.14	149	1304139	41.664	ng		99
75) Fluoranthene	19.23	202	1606437	44.039	ng		99
77) Benzidine	19.43	184	806655	44.621	ng		99
78) Pyrene	19.60	202	1690648	44.533	ng		99
80) Butylbenzylphthalate	20.50	149	576679	41.772	ng		97
81) Benzo(a)anthracene	21.34	228	1765229	44.515	ng		99
82) 3,3'-Dichlorobenzidine	21.28	252	662700	43.786	ng		99
83) Chrysene	21.40	228	1715816	44.615	ng		100
84) Bis(2-ethylhexyl)phthalate	21.27	149	838119	39.123	ng		99
85) Di-n-octyl phthalate	22.16	149	1399786	39.314	ng		99
86) Indeno(1,2,3-cd)pyrene	25.97	276	2073626	45.330	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	1835798	44.804	ng		99
89) Benzo(k)fluoranthene	23.00	252	1647541	44.081	ng		99
90) Benzo(a)pyrene	23.54	252	1678558	45.101	ng		99
91) Dibenzo(a,h)anthracene	25.99	278	1753367	45.301	ng		100
92) Benzo(g,h,i)perylene	26.69	276	1670559	45.462	ng		99

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

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