Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020180.D
Acq On : 08 May 2019 00:21
Operator : JU/SJ
Sample : K2704-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-2(33.5-35.5)MSD

Manual Integrations APPROVED
Sohil
5/9/2019 6:44:29 PM

Quant Time: May 08 05:10:08 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	110413	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	394773	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	231319	20.00	ng		0.00
64) Phenanthrene-d10	17.18	188	548040	20.00	ng		0.00
76) Chrysene-d12	21.36	240	607248	20.00	ng		0.00
87) Perylene-d12	23.64	264	720561	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1057248	156.52	ng		0.00
7) Phenol-d6	6.96	99	1443345	156.41	ng		0.00
23) Nitrobenzene-d5	8.95	82	1024644	102.47	ng		0.00
42) 2,4,6-Tribromophenol	15.93	330	624165	173.84	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	1767318	94.00	ng		0.00
79) Terphenyl-d14	19.80	244	2804211	80.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	137436	41.485	ng		95
3) Pyridine	3.70	79	384203	45.346	ng		95
4) n-Nitrosodimethylamine	3.62	42	130873	48.169	ng	#	76
6) Aniline	7.12	93	312668	26.916	ng		98
8) 2-Chlorophenol	7.35	128	354164	48.153	ng		99
9) Benzaldehyde	6.94	77	243102	34.807	ng		95
10) Phenol	6.98	94	486446	48.967	ng		94
11) bis(2-Chloroethyl)ether	7.22	93	362224	50.167	ng		95
12) 1,3-Dichlorobenzene	7.67	146	403209	47.118	ng		96
13) 1,4-Dichlorobenzene	7.82	146	403540	46.681	ng		95
14) 1,2-Dichlorobenzene	8.13	146	384255	46.656	ng		98
15) Benzyl Alcohol	8.03	79	403665	45.365	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.31	45	269989	45.095	ng		96
17) 2-Methylphenol	8.23	107	314198	49.132	ng		95
18) Hexachloroethane	8.86	117	161876	44.910	ng		98
19) n-Nitroso-di-n-propylamine	8.59	70	347557	44.022	ng		94
20) 3+4-Methylphenols	8.56	107	410395	48.286	ng		96
22) Acetophenone	8.62	105	557699	51.690	ng	#	96
24) Nitrobenzene	9.00	77	498990	48.130	ng		98
25) Isophorone	9.52	82	865073	50.168	ng		99
26) 2-Nitrophenol	9.70	139	194337	62.089	ng		94
27) 2,4-Dimethylphenol	9.76	122	304950	58.521	ng		99
28) bis(2-Chloroethoxy)methane	10.00	93	474087	50.480	ng		99
29) 2,4-Dichlorophenol	10.23	162	347119	52.827	ng		98
30) 1,2,4-Trichlorobenzene	10.44	180	409614	50.663	ng		98
31) Naphthalene	10.63	128	1026672	50.115	ng		99
32) Benzoic acid	9.82	122	22817	11.917	ng	#	85
33) 4-Chloroaniline	10.75	127	154408	18.312	ng		98
34) Hexachlorobutadiene	10.90	225	273846	47.880	ng		94
35) Caprolactam	11.55	113	105408m	53.649	ng		
36) 4-Chloro-3-methylphenol	11.87	107	378454	49.012	ng		98
37) 2-Methylnaphthalene	12.25	142	757765	50.737	ng		97
38) 1-Methylnaphthalene	12.47	142	718358	49.187	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	469961	51.929	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	470087	88.218	ng		99
43) 2,4,6-Trichlorophenol	12.86	196	305395	59.376	ng		99
44) 2,4,5-Trichlorophenol	12.93	196	319926	55.679	ng		97
46) 1,1'-Biphenyl	13.26	154	964153	50.639	ng		99
47) 2-Chloronaphthalene	13.30	162	771959	50.781	ng		100
48) 2-Nitroaniline	13.52	65	279741	51.689	ng		89
49) Acenaphthylene	14.16	152	1188273	48.842	ng		99
50) Dimethylphthalate	13.89	163	1127696	57.359	ng		99
51) 2,6-Dinitrotoluene	14.02	165	209881	50.685	ng		92
52) Acenaphthene	14.49	154	702880	50.380	ng		98
53) 3-Nitroaniline	14.35	138	130742	34.019	ng		98
54) 2,4-Dinitrophenol	14.56	184	56243	32.716	ng		96
55) Dibenzofuran	14.83	168	1160679	49.322	ng		98
56) 4-Nitrophenol	14.66	139	321682	98.101	ng		91
57) 2,4-Dinitrotoluene	14.80	165	296961	52.777	ng		93
58) Fluorene	15.48	166	948127	49.057	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.06	232	304395	55.747	ng		98
60) Diethylphthalate	15.25	149	954752	48.202	ng		100
61) 4-Chlorophenyl-phenylether	15.47	204	530661	48.459	ng		95
62) 4-Nitroaniline	15.52	138	203696	48.026	ng		94
63) Azobenzene	15.77	77	1057753	45.266	ng		97
65) 4,6-Dinitro-2-methylphenol	15.56	198	118095	43.497	ng		97
66) n-Nitrosodiphenylamine	15.69	169	817312	50.682	ng		97
67) 4-Bromophenyl-phenylether	16.37	248	331868	49.382	ng		95
68) Hexachlorobenzene	16.47	284	387938	50.164	ng		97
69) Atrazine	16.64	200	319659	50.722	ng		98
70) Pentachlorophenol	16.82	266	501268	113.287	ng		98
71) Phenanthrene	17.22	178	1615036	53.386	ng		100
72) Anthracene	17.31	178	1589868	52.563	ng		99
73) Carbazole	17.59	167	1371700	50.260	ng		99
74) Di-n-butylphthalate	18.14	149	1629082	49.599	ng		97
75) Fluoranthene	19.24	202	2172395	56.755	ng		99
77) Benzidine	19.43	184	872614	44.947	ng		99
78) Pyrene	19.60	202	2191930	53.763	ng		100
80) Butylbenzylphthalate	20.50	149	799111	53.899	ng		100
81) Benzo(a)anthracene	21.34	228	2122201	49.833	ng		99
82) 3,3'-Dichlorobenzidine	21.28	252	622958	38.327	ng		99
83) Chrysene	21.40	228	2059131	49.856	ng		99
84) Bis(2-ethylhexyl)phthalate	21.26	149	1156586	50.273	ng		99
85) Di-n-octyl phthalate	22.15	149	2043607	53.445	ng		97
86) Indeno(1,2,3-cd)pyrene	25.98	276	2706487	55.092	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	2292989	48.190	ng		99
89) Benzo(k)fluoranthene	23.00	252	2181096	50.251	ng		99
90) Benzo(a)pyrene	23.55	252	2235866	51.732	ng		98
91) Dibenzo(a,h)anthracene	25.99	278	2285588	50.851	ng		100
92) Benzo(g,h,i)perylene	26.70	276	2240525	52.505	ng		99

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

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