Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
Data File : BM020198.D
Acq On : 08 May 2019 17:07
Operator : JU/SJ
Sample : PB119288BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Manual Integrations APPROVED
Sohil
5/9/2019 6:45:29 PM

Quant Time: May 09 02:16:00 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	157836	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	561445	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	310108	20.00	ng		0.00
64) Phenanthrene-d10	17.18	188	645217	20.00	ng		0.00
76) Chrysene-d12	21.36	240	551668	20.00	ng		0.00
87) Perylene-d12	23.65	264	608688	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1279006	132.46	ng		0.00
7) Phenol-d6	6.96	99	1668086	126.45	ng		0.00
23) Nitrobenzene-d5	8.95	82	1039393	73.09	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	634602	131.84	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	1973967	78.32	ng		-0.01
79) Terphenyl-d14	19.80	244	2612621	82.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	174604	36.869	ng		95
3) Pyridine	3.70	79	456946	37.727	ng		95
4) n-Nitrosodimethylamine	3.62	42	138265	35.600	ng	#	69
6) Aniline	7.12	93	506531	30.504	ng		97
8) 2-Chlorophenol	7.35	128	386115	36.724	ng		99
9) Benzaldehyde	6.93	77	286577	28.703	ng		95
10) Phenol	6.98	94	514655	36.241	ng		95
11) bis(2-Chloroethyl)ether	7.22	93	399727	38.727	ng		98
12) 1,3-Dichlorobenzene	7.67	146	456860	37.347	ng		95
13) 1,4-Dichlorobenzene	7.82	146	466725	37.768	ng		96
14) 1,2-Dichlorobenzene	8.13	146	441731	37.520	ng		95
15) Benzyl Alcohol	8.03	79	431289	33.906	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.32	45	301279	35.202	ng		98
17) 2-Methylphenol	8.23	107	332466	36.368	ng		95
18) Hexachloroethane	8.85	117	186877	36.268	ng		98
19) n-Nitroso-di-n-propylamine	8.59	70	377024	33.406	ng		96
20) 3+4-Methylphenols	8.55	107	444209	36.561	ng		96
22) Acetophenone	8.61	105	609644	39.731	ng		97
24) Nitrobenzene	8.99	77	548026	37.167	ng		96
25) Isophorone	9.52	82	925846	37.753	ng		97
26) 2-Nitrophenol	9.70	139	209061	46.965	ng		95
27) 2,4-Dimethylphenol	9.75	122	333249	44.967	ng		98
28) bis(2-Chloroethoxy)methane	9.99	93	512410	38.364	ng		99
29) 2,4-Dichlorophenol	10.23	162	371868	39.793	ng		99
30) 1,2,4-Trichlorobenzene	10.44	180	463821	40.337	ng		97
31) Naphthalene	10.63	128	1129934	38.782	ng		99
32) Benzoic acid	9.89	122	190234	37.719	ng		93
33) 4-Chloroaniline	10.75	127	225308	18.788	ng		95
34) Hexachlorobutadiene	10.89	225	315162	38.745	ng		99
35) Caprolactam	11.56	113	98617m	35.292	ng		
36) 4-Chloro-3-methylphenol	11.87	107	385353	35.090	ng		91
37) 2-Methylnaphthalene	12.25	142	824256	38.805	ng		97
38) 1-Methylnaphthalene	12.46	142	778584	37.485	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	519665	42.832	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	822511	115.138	ng		99
43) 2,4,6-Trichlorophenol	12.86	196	312263	45.286	ng		99
44) 2,4,5-Trichlorophenol	12.93	196	317235	41.183	ng		98
46) 1,1'-Biphenyl	13.26	154	1042079	40.826	ng		99
47) 2-Chloronaphthalene	13.30	162	836955	41.068	ng		99
48) 2-Nitroaniline	13.52	65	266194	36.689	ng		91
49) Acenaphthylene	14.15	152	1235988	37.896	ng		99
50) Dimethylphthalate	13.89	163	970872	36.836	ng		99
51) 2,6-Dinitrotoluene	14.02	165	208939	37.638	ng		95
52) Acenaphthene	14.49	154	727152	38.878	ng		97
53) 3-Nitroaniline	14.35	138	115516	22.420	ng		95
54) 2,4-Dinitrophenol	14.56	184	243185	86.667	ng		90
55) Dibenzofuran	14.83	168	1192308	37.793	ng		98
56) 4-Nitrophenol	14.66	139	297657	67.712	ng		86
57) 2,4-Dinitrotoluene	14.80	165	283151	37.537	ng		90
58) Fluorene	15.48	166	943200	36.403	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.06	232	288718	39.441	ng		95
60) Diethylphthalate	15.25	149	930785	35.052	ng		99
61) 4-Chlorophenyl-phenylether	15.47	204	550331	37.487	ng		94
62) 4-Nitroaniline	15.52	138	179320	31.537	ng		91
63) Azobenzene	15.77	77	1044038	33.328	ng		96
65) 4,6-Dinitro-2-methylphenol	15.56	198	146720	45.506	ng		99
66) n-Nitrosodiphenylamine	15.69	169	802026	42.243	ng		99
67) 4-Bromophenyl-phenylether	16.37	248	329390	41.632	ng		94
68) Hexachlorobenzene	16.47	284	375763	41.271	ng		95
69) Atrazine	16.64	200	290187	39.111	ng		99
70) Pentachlorophenol	16.82	266	428024	82.165	ng		97
71) Phenanthrene	17.22	178	1383415	38.842	ng		99
72) Anthracene	17.31	178	1414756	39.729	ng		99
73) Carbazole	17.59	167	1161952	36.162	ng		98
74) Di-n-butylphthalate	18.14	149	1446198	37.400	ng		98
75) Fluoranthene	19.24	202	1577542	35.007	ng		99
77) Benzidine	19.43	184	849840	48.185	ng		98
78) Pyrene	19.60	202	1589083	42.904	ng		100
80) Butylbenzylphthalate	20.50	149	599721	44.526	ng		99
81) Benzo(a)anthracene	21.34	228	1419423	36.689	ng		100
82) 3,3'-Dichlorobenzidine	21.28	252	390064	26.416	ng		99
83) Chrysene	21.40	228	1409201	37.558	ng		99
84) Bis(2-ethylhexyl)phthalate	21.26	149	851777	40.754	ng		99
85) Di-n-octyl phthalate	22.16	149	1418133	40.824	ng		98
86) Indeno(1,2,3-cd)pyrene	25.99	276	1872018	41.945	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	1458167	36.278	ng		100
89) Benzo(k)fluoranthene	23.00	252	1436543	39.180	ng		99
90) Benzo(a)pyrene	23.55	252	1448309	39.669	ng		99
91) Dibenzo(a,h)anthracene	26.00	278	1605760	42.292	ng		99
92) Benzo(g,h,i)perylene	26.70	276	1601502	44.428	ng		98

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

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