Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051419\
Data File : BM020340.D
Acq On : 14 May 2019 19:43
Operator : JU/SJ
Sample : PB119718BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB119718BSD

Manual Integrations APPROVED
mohammad
5/15/2019 8:19:30 AM

Quant Time: May 15 04:12:14 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	7.76	152	63025	20.00	ng		-0.04
21) Naphthalene-d8	10.55	136	220728	20.00	ng		-0.04
39) Acenaphthene-d10	14.40	164	134223	20.00	ng		-0.03
64) Phenanthrene-d10	17.16	188	320157	20.00	ng		-0.02
76) Chrysene-d12	21.35	240	348985	20.00	ng		-0.02
87) Perylene-d12	23.63	264	400464	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	312003	80.92	ng		-0.02
7) Phenol-d6	6.93	99	398937	75.74	ng		-0.02
23) Nitrobenzene-d5	8.93	82	426859	76.35	ng		-0.03
42) 2,4,6-Tribromophenol	15.90	330	182146	87.43	ng		-0.02
45) 2-Fluorobiphenyl	13.02	172	878220	80.50	ng		-0.04
79) Terphenyl-d14	19.79	244	1434628	71.70	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	59590	31.512	ng		88
3) Pyridine	3.68	79	159505	32.980	ng		92
4) n-Nitrosodimethylamine	3.60	42	48403	31.210	ng	#	53
6) Aniline	7.09	93	125076	18.863	ng		98
8) 2-Chlorophenol	7.32	128	156446	37.264	ng		99
9) Benzaldehyde	6.91	77	76798	19.263	ng		92
10) Phenol	6.96	94	205824	36.297	ng		88
11) bis(2-Chloroethyl)ether	7.19	93	151942	36.866	ng		96
12) 1,3-Dichlorobenzene	7.65	146	174437	35.711	ng		93
13) 1,4-Dichlorobenzene	7.79	146	180456	36.571	ng		96
14) 1,2-Dichlorobenzene	8.10	146	173778	36.965	ng		97
15) Benzyl Alcohol	8.00	79	151425	29.813	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.27	45	118497	34.673	ng		100
17) 2-Methylphenol	8.20	107	134059	36.725	ng		94
18) Hexachloroethane	8.82	117	66220	32.185	ng		96
19) n-Nitroso-di-n-propylamine	8.56	70	145443	32.274	ng		94
20) 3+4-Methylphenols	8.53	107	168115	34.652	ng		93
22) Acetophenone	8.59	105	241795	40.082	ng	#	97
24) Nitrobenzene	8.97	77	209355	36.116	ng		96
25) Isophorone	9.49	82	370598	38.438	ng		98
26) 2-Nitrophenol	9.67	139	75728	43.272	ng		87
27) 2,4-Dimethylphenol	9.73	122	132886	45.609	ng		96
28) bis(2-Chloroethoxy)methane	9.97	93	201530	38.379	ng		98
29) 2,4-Dichlorophenol	10.20	162	146740	39.941	ng		98
30) 1,2,4-Trichlorobenzene	10.41	180	180137	39.848	ng		97
31) Naphthalene	10.60	128	456018	39.811	ng		99
32) Benzoic acid	9.86	122	66150	34.126	ng	#	87
33) 4-Chloroaniline	10.73	127	64471	13.675	ng		93
34) Hexachlorobutadiene	10.86	225	117138	36.630	ng		96
35) Caprolactam	11.53	113	42704m	38.873	ng		
36) 4-Chloro-3-methylphenol	11.85	107	161147	37.325	ng		95
37) 2-Methylnaphthalene	12.22	142	333808	39.974	ng		96
38) 1-Methylnaphthalene	12.44	142	320619	39.264	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	209897	39.970	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	132807	42.952	ng		99
43) 2,4,6-Trichlorophenol	12.83	196	133732	44.809	ng		98
44) 2,4,5-Trichlorophenol	12.90	196	137477	41.234	ng		96
46) 1,1'-Biphenyl	13.23	154	442106	40.017	ng		99
47) 2-Chloronaphthalene	13.28	162	355655	40.320	ng		99
48) 2-Nitroaniline	13.50	65	107558	34.250	ng		91
49) Acenaphthylene	14.13	152	553885	39.236	ng		99
50) Dimethylphthalate	13.87	163	445700	39.069	ng		99
51) 2,6-Dinitrotoluene	14.00	165	95249	39.642	ng		87
52) Acenaphthene	14.47	154	322409	39.826	ng		99
53) 3-Nitroaniline	14.33	138	41583	18.647	ng		96
54) 2,4-Dinitrophenol	14.55	184	33945	33.689	ng		91
55) Dibenzofuran	14.81	168	543538	39.805	ng		98
56) 4-Nitrophenol	14.65	139	133227	70.021	ng	#	81
57) 2,4-Dinitrotoluene	14.79	165	133849	40.996	ng		93
58) Fluorene	15.46	166	436504	38.923	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.03	232	138788	43.804	ng		95
60) Diethylphthalate	15.23	149	445429	38.755	ng		99
61) 4-Chlorophenyl-phenylether	15.45	204	250269	39.387	ng		95
62) 4-Nitroaniline	15.50	138	64611m	26.253	ng		
63) Azobenzene	15.74	77	486870	35.908	ng		96
65) 4,6-Dinitro-2-methylphenol	15.55	198	29450	22.672	ng		90
66) n-Nitrosodiphenylamine	15.67	169	386596	41.037	ng		98
67) 4-Bromophenyl-phenylether	16.34	248	159537	40.636	ng		94
68) Hexachlorobenzene	16.45	284	181782	40.237	ng		96
69) Atrazine	16.62	200	147220	39.988	ng		100
70) Pentachlorophenol	16.80	266	233520	90.341	ng		98
71) Phenanthrene	17.20	178	707719	40.045	ng		99
72) Anthracene	17.29	178	724796	41.019	ng		99
73) Carbazole	17.57	167	631110	39.584	ng		98
74) Di-n-butylphthalate	18.12	149	768539	40.054	ng		98
75) Fluoranthene	19.22	202	918789	41.089	ng		99
77) Benzidine	19.42	184	568097	50.917	ng		99
78) Pyrene	19.59	202	948815	40.495	ng		99
80) Butylbenzylphthalate	20.48	149	367045	43.078	ng		98
81) Benzo(a)anthracene	21.33	228	952526	38.919	ng		99
82) 3,3'-Dichlorobenzidine	21.27	252	339123	36.305	ng	#	99
83) Chrysene	21.39	228	937577	39.500	ng		100
84) Bis(2-ethylhexyl)phthalate	21.24	149	544963	41.218	ng		99
85) Di-n-octyl phthalate	22.14	149	950092	43.235	ng		97
86) Indeno(1,2,3-cd)pyrene	25.96	276	1211328	42.905	ng	#	100
88) Benzo(b)fluoranthene	22.94	252	1048692	39.656	ng		100
89) Benzo(k)fluoranthene	22.99	252	977955	40.541	ng		97
90) Benzo(a)pyrene	23.53	252	1003457	41.776	ng		99
91) Dibenzo(a,h)anthracene	25.97	278	1039885	41.629	ng		99
92) Benzo(g,h,i)perylene	26.67	276	1003832	42.327	ng		99

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

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