Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101818\
Data File : BM017213.D
Acq On : 19 Oct 2018 03:22
Operator : MJ/SJ
Sample : PB113953BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB113953BS

Manual Integrations APPROVED
Sohil
10/19/2018 2:37:49 PM

Quant Time: Oct 19 14:00:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	327413	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	1397668	20.00	ng		0.00
39) Acenaphthene-d10	14.31	164	807933	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	1742582	20.00	ng		-0.01
76) Chrysene-d12	21.25	240	1667802	20.00	ng		-0.01
87) Perylene-d12	23.46	264	1577697	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	2493033	128.78	ng		0.00
7) Phenol-d6	6.85	99	3303093	125.28	ng		0.00
23) Nitrobenzene-d5	8.82	82	1481326	61.99	ng		-0.01
42) 2,4,6-Tribromophenol	15.80	330	1334797	122.17	ng		-0.01
45) 2-Fluorobiphenyl	12.93	172	3572490	58.83	ng		0.00
79) Terphenyl-d14	19.70	244	4375394	59.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	439954	44.507	ng		88
3) Pyridine	3.65	79	141479	6.220	ng		88
4) n-Nitrosodimethylamine	3.56	42	63365	6.940	ng	#	71
6) Aniline	7.01	93	170552	5.172	ng		95
8) 2-Chlorophenol	7.24	128	141627	6.324	ng		96
9) Benzaldehyde	6.82	77	86321	5.135	ng		97
10) Phenol	6.88	94	174770	6.159	ng		92
11) bis(2-Chloroethyl)ether	7.10	93	127877	5.653	ng		96
12) 1,3-Dichlorobenzene	7.56	146	161159	6.173	ng		95
13) 1,4-Dichlorobenzene	7.70	146	164360	6.162	ng		97
14) 1,2-Dichlorobenzene	8.02	146	155212	6.040	ng		97
15) Benzyl Alcohol	7.91	79	116662	6.054	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.19	45	175221	5.545	ng		97
17) 2-Methylphenol	8.11	107	115819	6.359	ng		98
18) Hexachloroethane	8.73	117	55310	6.059	ng		95
19) n-Nitroso-di-n-propylamine	8.47	70	101415	5.842	ng		99
20) 3+4-Methylphenols	8.43	107	154112	6.187	ng		97
22) Acetophenone	8.49	105	210823	5.951	ng		98
24) Nitrobenzene	8.86	77	160065	6.332	ng		94
25) Isophorone	9.39	82	263759	6.684	ng		98
26) 2-Nitrophenol	9.57	139	65174	10.558	ng		92
27) 2,4-Dimethylphenol	9.63	122	127537	7.309	ng		98
28) bis(2-Chloroethoxy)methane	9.87	93	174610	6.287	ng		98
29) 2,4-Dichlorophenol	10.10	162	126229	6.231	ng		97
30) 1,2,4-Trichlorobenzene	10.31	180	143831	5.918	ng		99
31) Naphthalene	10.49	128	432005	6.307	ng		99
32) Benzoic acid	9.71	122	67772m	5.205	ng		
33) 4-Chloroaniline	10.62	127	143670	4.857	ng		97
34) Hexachlorobutadiene	10.77	225	91338	5.931	ng		99
35) Caprolactam	11.40	113	32993	4.469	ng		93
36) 4-Chloro-3-methylphenol	11.73	107	137138	6.005	ng		98
37) 2-Methylnaphthalene	12.11	142	317422	6.772	ng		97
38) 1-Methylnaphthalene	12.33	142	303880	6.661	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	167969	5.903	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	213153	15.496	ng		99
43) 2,4,6-Trichlorophenol	12.73	196	102392	6.199	ng		99
44) 2,4,5-Trichlorophenol	12.80	196	109734	6.196	ng		95
46) 1,1'-Biphenyl	13.13	154	412875	5.679	ng		100
47) 2-Chloronaphthalene	13.17	162	314036	5.871	ng		98
48) 2-Nitroaniline	13.39	65	77971	10.236	ng		92
49) Acenaphthylene	14.03	152	488737	6.304	ng		99
50) Dimethylphthalate	13.77	163	387532	6.217	ng		99
51) 2,6-Dinitrotoluene	13.89	165	76676	5.589	ng		95
52) Acenaphthene	14.37	154	292090	6.000	ng		97
53) 3-Nitroaniline	14.22	138	62508	4.207	ng		93
54) 2,4-Dinitrophenol	14.43	184	68352	15.846	ng		100
55) Dibenzofuran	14.71	168	470535	5.813	ng		96
56) 4-Nitrophenol	14.53	139	163172	16.056	ng		89
57) 2,4-Dinitrotoluene	14.69	165	96624	5.240	ng	#	96
58) Fluorene	15.36	166	374949	6.258	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	99382	6.156	ng	#	97
60) Diethylphthalate	15.15	149	369361	5.975	ng		99
61) 4-Chlorophenyl-phenylether	15.36	204	199268	5.834	ng		98
62) 4-Nitroaniline	15.39	138	70246	8.571	ng		88
63) Azobenzene	15.66	77	336448	5.600	ng		98
65) 4,6-Dinitro-2-methylphenol	15.45	198	48276	10.687	ng		92
66) n-Nitrosodiphenylamine	15.58	169	321291	6.094	ng		100
67) 4-Bromophenyl-phenylether	16.26	248	118275	6.182	ng		98
68) Hexachlorobenzene	16.36	284	128703	5.791	ng		96
69) Atrazine	16.53	200	102294	5.421	ng		99
70) Pentachlorophenol	16.71	266	135985	8.932	ng		97
71) Phenanthrene	17.10	178	589463	6.270	ng		99
72) Anthracene	17.19	178	567343	6.351	ng		100
73) Carbazole	17.47	167	482546	5.288	ng		99
74) Di-n-butylphthalate	18.04	149	513421	5.334	ng		100
75) Fluoranthene	19.12	202	614607	5.809	ng		99
77) Benzidine	19.32	184	310306	7.338	ng		95
78) Pyrene	19.49	202	622293	6.676	ng		99
80) Butylbenzylphthalate	20.40	149	193886	11.825	ng		95
81) Benzo(a)anthracene	21.23	228	582661	6.208	ng		99
82) 3,3'-Dichlorobenzidine	21.17	252	151691	4.337	ng		96
83) Chrysene	21.29	228	571375	6.151	ng		100
84) Bis(2-ethylhexyl)phthalate	21.18	149	274534	9.807	ng	#	99
85) Di-n-octyl phthalate	22.05	149	454694	9.943	ng		100
86) Indeno(1,2,3-cd)pyrene	25.67	276	601173	5.786	ng		98
88) Benzo(b)fluoranthene	22.80	252	553398	6.416	ng		100
89) Benzo(k)fluoranthene	22.84	252	538055	6.216	ng		98
90) Benzo(a)pyrene	23.37	252	523013	6.386	ng		99
91) Dibenzo(a,h)anthracene	25.68	278	509353	6.263	ng		99
92) Benzo(g,h,i)perylene	26.34	276	504268	6.256	ng		98

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

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