Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
Data File : BM022772.D
Acq On : 25 Sep 2019 15:26
Operator : JU
Sample : PB123298BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Manual Integrations APPROVED
mohammad
9/26/2019 3:54:50 PM

Quant Time: Sep 26 06:27:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 16:34:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	224665	20.00	ng		0.00
21) Naphthalene-d8	10.61	136	881015	20.00	ng		-0.01
39) Acenaphthene-d10	14.46	164	483512	20.00	ng		0.00
64) Phenanthrene-d10	17.19	188	904069	20.00	ng		0.00
76) Chrysene-d12	21.37	240	720618	20.00	ng		-0.01
87) Perylene-d12	23.64	264	658583	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1529124	107.94	ng		0.00
7) Phenol-d6	6.99	99	1885587	103.64	ng		0.00
23) Nitrobenzene-d5	8.97	82	1033979	65.15	ng		0.00
42) 2,4,6-Tribromophenol	15.94	330	681874	112.97	ng		0.00
45) 2-Fluorobiphenyl	13.07	172	2438612	69.45	ng		-0.01
79) Terphenyl-d14	19.82	244	3002692	80.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	220764	38.730	ng	#	100
3) Pyridine	3.72	79	522128	34.752	ng		99
4) n-Nitrosodimethylamine	3.62	42	230195	42.087	ng	#	97
6) Aniline	7.15	93	799496	36.647	ng		99
8) 2-Chlorophenol	7.39	128	653616	45.286	ng		99
9) Benzaldehyde	6.96	77	334509	32.289	ng		99
10) Phenol	7.02	94	745530	43.524	ng		99
11) bis(2-Chloroethyl)ether	7.25	93	581062	43.177	ng		99
12) 1,3-Dichlorobenzene	7.71	146	714296	41.408	ng		100
13) 1,4-Dichlorobenzene	7.86	146	730793	41.847	ng		99
14) 1,2-Dichlorobenzene	8.17	146	688541	41.355	ng		100
15) Benzyl Alcohol	8.06	79	496233	43.587	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	794203	40.626	ng		100
17) 2-Methylphenol	8.26	107	496256	43.770	ng		99
18) Hexachloroethane	8.90	117	265488	41.449	ng		100
19) n-Nitroso-di-n-propylamine	8.63	70	427053	42.032	ng		99
20) 3+4-Methylphenols	8.59	107	660709	43.752	ng		98
22) Acetophenone	8.64	105	866095	39.826	ng	#	99
24) Nitrobenzene	9.02	77	635253	41.833	ng		98
25) Isophorone	9.55	82	1134957	43.491	ng		99
26) 2-Nitrophenol	9.73	139	316222	48.237	ng		99
27) 2,4-Dimethylphenol	9.79	122	558912	50.927	ng		100
28) bis(2-Chloroethoxy)methane	10.02	93	764592	42.340	ng		99
29) 2,4-Dichlorophenol	10.26	162	574723	46.319	ng		99
30) 1,2,4-Trichlorobenzene	10.47	180	641702	42.035	ng		100
31) Naphthalene	10.66	128	1853364	42.576	ng		100
32) Benzoic acid	9.92	122	334733	44.697	ng		96
33) 4-Chloroaniline	10.76	127	397683	21.041	ng		100
34) Hexachlorobutadiene	10.96	225	384654	42.269	ng		100
35) Caprolactam	11.55	113	152090m	41.346	ng		
36) 4-Chloro-3-methylphenol	11.89	107	541303	44.715	ng		99
37) 2-Methylnaphthalene	12.27	142	1321346	43.607	ng		98
38) 1-Methylnaphthalene	12.49	142	1229011	42.729	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	701612	42.825	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	930517	104.097 ng		99
43) 2,4,6-Trichlorophenol	12.88	196	438524	46.376 ng		99
44) 2,4,5-Trichlorophenol	12.95	196	466539	47.346 ng		100
46) 1,1'-Biphenyl	13.29	154	1641921	41.030 ng		100
47) 2-Chloronaphthalene	13.33	162	1266188	42.452 ng		99
48) 2-Nitroaniline	13.53	65	316625	40.767 ng		99
49) Acenaphthylene	14.17	152	1965914	44.510 ng		100
50) Dimethylphthalate	13.92	163	1481418	42.396 ng		99
51) 2,6-Dinitrotoluene	14.02	165	328076	44.887 ng		99
52) Acenaphthene	14.52	154	1193717	41.311 ng		99
53) 3-Nitroaniline	14.35	138	232508	27.633 ng		98
54) 2,4-Dinitrophenol	14.56	184	343225	86.095 ng		96
55) Dibenzofuran	14.85	168	1821368	43.175 ng		99
56) 4-Nitrophenol	14.66	139	560491	86.664 ng		96
57) 2,4-Dinitrotoluene	14.81	165	428945	44.798 ng		100
58) Fluorene	15.50	166	1460299	42.598 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	398107	46.326 ng		97
60) Diethylphthalate	15.27	149	1467849	43.203 ng		100
61) 4-Chlorophenyl-phenylether	15.50	204	759824	43.138 ng		99
62) 4-Nitroaniline	15.52	138	334458	37.914 ng		99
63) Azobenzene	15.79	77	1315337	42.870 ng		99
65) 4,6-Dinitro-2-methylphenol	15.57	198	224860	49.273 ng		95
66) n-Nitrosodiphenylamine	15.71	169	1260644	45.644 ng		100
67) 4-Bromophenyl-phenylether	16.39	248	463214	46.066 ng		99
68) Hexachlorobenzene	16.50	284	507755	43.300 ng		99
69) Atrazine	16.66	200	384089	42.779 ng		100
70) Pentachlorophenol	16.84	266	618906	98.965 ng		99
71) Phenanthrene	17.23	178	2146974	42.087 ng		100
72) Anthracene	17.33	178	2167018	43.832 ng		100
73) Carbazole	17.59	167	1922066	41.778 ng		99
74) Di-n-butylphthalate	18.16	149	2411420	46.226 ng		100
75) Fluoranthene	19.25	202	2332632	40.522 ng		98
77) Benzidine	19.43	184	869011	43.958 ng		99
78) Pyrene	19.61	202	2364306	50.064 ng		99
80) Butylbenzylphthalate	20.51	149	955259	53.223 ng		99
81) Benzo(a)anthracene	21.36	228	2012936	43.100 ng		100
82) 3,3'-Dichlorobenzidine	21.29	252	653504	39.456 ng		99
83) Chrysene	21.41	228	1944540	42.946 ng		100
84) Bis(2-ethylhexyl)phthalate	21.29	149	1432976	53.884 ng		100
85) Di-n-octyl phthalate	22.18	149	2185694	51.569 ng		99
86) Indeno(1,2,3-cd)pyrene	25.95	276	2039480	37.738 ng	#	100
88) Benzo(b)fluoranthene	22.96	252	1841314	46.177 ng		100
89) Benzo(k)fluoranthene	23.00	252	1835697	46.397 ng		99
90) Benzo(a)pyrene	23.54	252	1758809	47.867 ng		99
91) Dibenzo(a,h)anthracene	25.96	278	1721054	44.780 ng		99
92) Benzo(g,h,i)perylene	26.66	276	1684232	46.138 ng		99

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

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