Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092419\
Data File : BM022750.D
Acq On : 24 Sep 2019 15:11
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/26/2019 8:25:15 AM

Quant Time: Sep 25 03:54:52 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	233998	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	1039247	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	665692	20.00	ng		0.00
64) Phenanthrene-d10	17.19	188	1413187	20.00	ng		0.00
76) Chrysene-d12	21.38	240	1496826	20.00	ng		0.00
87) Perylene-d12	23.65	264	1660705	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1148410	77.84	ng		0.00
7) Phenol-d6	6.99	99	1592448	84.03	ng		0.00
23) Nitrobenzene-d5	8.98	82	1450012	77.45	ng		0.00
42) 2,4,6-Tribromophenol	15.95	330	699247	84.14	ng		0.00
45) 2-Fluorobiphenyl	13.08	172	3609983	74.68	ng		0.00
79) Terphenyl-d14	19.82	244	5817452	75.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	220844	37.199	ng	#	100
3) Pyridine	3.72	79	666199	42.572	ng		99
4) n-Nitrosodimethylamine	3.62	42	237322	41.659	ng	#	93
6) Aniline	7.15	93	967368	42.573	ng		100
8) 2-Chlorophenol	7.39	128	610425	40.607	ng		99
9) Benzaldehyde	6.96	77	481529	44.626	ng		99
10) Phenol	7.01	94	745511	41.787	ng		98
11) bis(2-Chloroethyl)ether	7.25	93	589088	42.027	ng		99
12) 1,3-Dichlorobenzene	7.71	146	697978	38.848	ng		99
13) 1,4-Dichlorobenzene	7.86	146	705524	38.788	ng		100
14) 1,2-Dichlorobenzene	8.18	146	682077	39.333	ng		99
15) Benzyl Alcohol	8.06	79	533668	45.006	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	874142	42.931	ng		99
17) 2-Methylphenol	8.26	107	514044	43.530	ng		99
18) Hexachloroethane	8.90	117	255984	38.371	ng		96
19) n-Nitroso-di-n-propylamine	8.63	70	480230	45.381	ng		99
20) 3+4-Methylphenols	8.59	107	704503	44.791	ng		98
22) Acetophenone	8.64	105	1094621	42.671	ng	#	99
24) Nitrobenzene	9.02	77	691219	38.588	ng		100
25) Isophorone	9.55	82	1298267	42.174	ng		99
26) 2-Nitrophenol	9.73	139	303282	39.219	ng		99
27) 2,4-Dimethylphenol	9.79	122	529110	40.871	ng		98
28) bis(2-Chloroethoxy)methane	10.03	93	881435	41.379	ng		100
29) 2,4-Dichlorophenol	10.26	162	597791	40.843	ng		99
30) 1,2,4-Trichlorobenzene	10.48	180	680432	37.785	ng		100
31) Naphthalene	10.66	128	1995657	38.864	ng		100
32) Benzoic acid	9.95	122	459946	51.419	ng		95
33) 4-Chloroaniline	10.77	127	934077	41.896	ng		99
34) Hexachlorobutadiene	10.96	225	397838	37.062	ng		99
35) Caprolactam	11.56	113	214016m	49.322	ng		
36) 4-Chloro-3-methylphenol	11.89	107	633629	44.372	ng		99
37) 2-Methylnaphthalene	12.27	142	1471061	41.156	ng		99
38) 1-Methylnaphthalene	12.50	142	1404465	41.395	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	940090	41.677	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	418668	34.019	ng		99
43) 2,4,6-Trichlorophenol	12.89	196	512755	39.386	ng		99
44) 2,4,5-Trichlorophenol	12.96	196	536293	39.531	ng		99
46) 1,1'-Biphenyl	13.29	154	2306942	41.872	ng		100
47) 2-Chloronaphthalene	13.33	162	1532937	37.330	ng		100
48) 2-Nitroaniline	13.53	65	445531	41.666	ng		97
49) Acenaphthylene	14.18	152	2371874	39.005	ng		100
50) Dimethylphthalate	13.92	163	1955973	40.658	ng		100
51) 2,6-Dinitrotoluene	14.03	165	413116	41.053	ng		99
52) Acenaphthene	14.52	154	1580271	39.722	ng		100
53) 3-Nitroaniline	14.36	138	491950	42.466	ng		99
54) 2,4-Dinitrophenol	14.56	184	212256	42.498	ng		98
55) Dibenzofuran	14.86	168	2268430	39.057	ng		99
56) 4-Nitrophenol	14.66	139	393963	44.244	ng		99
57) 2,4-Dinitrotoluene	14.82	165	575087	43.623	ng		98
58) Fluorene	15.50	166	1889163	40.027	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	492560	41.631	ng		99
60) Diethylphthalate	15.28	149	1983196	42.396	ng		100
61) 4-Chlorophenyl-phenylether	15.50	204	964160	39.758	ng		97
62) 4-Nitroaniline	15.52	138	537212	44.232	ng		99
63) Azobenzene	15.79	77	1765980	41.806	ng		99
65) 4,6-Dinitro-2-methylphenol	15.57	198	278739	40.454	ng		99
66) n-Nitrosodiphenylamine	15.71	169	1656723	38.374	ng		99
67) 4-Bromophenyl-phenylether	16.39	248	596294	37.937	ng		99
68) Hexachlorobenzene	16.51	284	693540	37.836	ng		99
69) Atrazine	16.66	200	573132	40.837	ng		100
70) Pentachlorophenol	16.85	266	407953	41.732	ng		100
71) Phenanthrene	17.24	178	3073619	38.545	ng		100
72) Anthracene	17.33	178	3025772	39.153	ng		99
73) Carbazole	17.59	167	2879689	40.043	ng		99
74) Di-n-butylphthalate	18.16	149	3453215	42.349	ng		99
75) Fluoranthene	19.25	202	3658946	40.664	ng		99
77) Benzidine	19.43	184	1801596	43.874	ng		99
78) Pyrene	19.62	202	3775661	38.490	ng		99
80) Butylbenzylphthalate	20.52	149	1599736	42.910	ng		98
81) Benzo(a)anthracene	21.36	228	3844794	39.632	ng		99
82) 3,3'-Dichlorobenzidine	21.29	252	1436565	41.757	ng		99
83) Chrysene	21.42	228	3668218	39.003	ng		99
84) Bis(2-ethylhexyl)phthalate	21.30	149	2387985	43.230	ng		99
85) Di-n-octyl phthalate	22.19	149	3938985	44.742	ng		99
86) Indeno(1,2,3-cd)pyrene	25.97	276	4503236	40.116	ng	#	100
88) Benzo(b)fluoranthene	22.97	252	3944359	39.228	ng		99
89) Benzo(k)fluoranthene	23.02	252	3772342	37.811	ng		100
90) Benzo(a)pyrene	23.56	252	3647949	39.372	ng		99
91) Dibenzo(a,h)anthracene	25.98	278	3713231	38.314	ng		99
92) Benzo(g,h,i)perylene	26.68	276	3496025	37.979	ng		100

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

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