Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
Data File : BM022729.D
Acq On : 20 Sep 2019 15:45
Operator : HP/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC100

Manual Integrations APPROVED
mohammad
9/24/2019 8:34:47 AM

Quant Time: Sep 20 16:29:19 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 15:22:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	178421	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	696483	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	388434	20.00	ng		0.00
64) Phenanthrene-d10	17.20	188	764703	20.00	ng		0.00
76) Chrysene-d12	21.38	240	777512	20.00	ng		0.00
87) Perylene-d12	23.65	264	850366	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	2242726	223.99	ng		0.00
7) Phenol-d6	7.00	99	2841373	213.10	ng		0.00
23) Nitrobenzene-d5	8.99	82	2468786	172.40	ng		0.00
42) 2,4,6-Tribromophenol	15.95	330	1022694	162.66	ng		0.00
45) 2-Fluorobiphenyl	13.09	172	5477330	176.12	ng		0.00
79) Terphenyl-d14	19.82	244	7266079	136.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	456130	108.730	ng	#	100
3) Pyridine	3.72	79	1178429	110.882	ng		99
4) n-Nitrosodimethylamine	3.63	42	449673	70.624	ng	#	98
6) Aniline	7.16	93	1720055	96.354	ng		100
8) 2-Chlorophenol	7.40	128	1141968	95.792	ng		98
9) Benzaldehyde	6.97	77	635153	75.171	ng		99
10) Phenol	7.02	94	1333054	94.436	ng		99
11) bis(2-Chloroethyl)ether	7.25	93	1058939	94.831	ng		100
12) 1,3-Dichlorobenzene	7.72	146	1370763	94.338	ng		100
13) 1,4-Dichlorobenzene	7.86	146	1378923	93.476	ng		100
14) 1,2-Dichlorobenzene	8.18	146	1306508	90.937	ng		99
15) Benzyl Alcohol	8.07	79	905816	77.283	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1447564	93.564	ng		100
17) 2-Methylphenol	8.27	107	896252	89.019	ng		100
18) Hexachloroethane	8.91	117	506612	79.103	ng		99
19) n-Nitroso-di-n-propylamine	8.64	70	761854	72.540	ng		99
20) 3+4-Methylphenols	8.60	107	1201653	88.374	ng		99
22) Acetophenone	8.65	105	1649825	92.337	ng	#	98
24) Nitrobenzene	9.03	77	1167116	79.605	ng		98
25) Isophorone	9.56	82	2063179	81.184	ng		98
26) 2-Nitrophenol	9.73	139	572469	92.180	ng		98
27) 2,4-Dimethylphenol	9.80	122	877359	93.725	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	1391910	92.580	ng		100
29) 2,4-Dichlorophenol	10.27	162	1021885	90.463	ng		99
30) 1,2,4-Trichlorobenzene	10.49	180	1213906	87.242	ng		99
31) Naphthalene	10.67	128	3374578	93.289	ng		100
32) Benzoic acid	9.97	122	614055	76.844	ng		95
33) 4-Chloroaniline	10.77	127	1480230	97.779	ng		99
34) Hexachlorobutadiene	10.96	225	741033	62.069	ng		100
35) Caprolactam	11.58	113	318854m	105.008	ng		
36) 4-Chloro-3-methylphenol	11.90	107	973981	81.572	ng		98
37) 2-Methylnaphthalene	12.28	142	2361571	89.318	ng		99
38) 1-Methylnaphthalene	12.50	142	2228807	88.252	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.66	216	1331629	87.581	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	777199	109.831	ng		100
43) 2,4,6-Trichlorophenol	12.89	196	823966	90.402	ng		100
44) 2,4,5-Trichlorophenol	12.96	196	835097	90.264	ng		98
46) 1,1'-Biphenyl	13.30	154	3117258	102.044	ng		99
47) 2-Chloronaphthalene	13.34	162	2386726	94.935	ng		99
48) 2-Nitroaniline	13.53	65	654049	82.305	ng		100
49) Acenaphthylene	14.19	152	3603405	93.444	ng		100
50) Dimethylphthalate	13.92	163	2785599	85.298	ng		99
51) 2,6-Dinitrotoluene	14.03	165	612120	94.913	ng		98
52) Acenaphthene	14.53	154	2222211	98.816	ng		100
53) 3-Nitroaniline	14.36	138	709353	110.445	ng		99
54) 2,4-Dinitrophenol	14.56	184	333317	104.555	ng		96
55) Dibenzofuran	14.86	168	3332711	89.185	ng		100
56) 4-Nitrophenol	14.66	139	556482	130.002	ng		98
57) 2,4-Dinitrotoluene	14.82	165	832259	89.890	ng		95
58) Fluorene	15.51	166	2672984	84.850	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	743560	80.611	ng		96
60) Diethylphthalate	15.29	149	2734874	79.415	ng		99
61) 4-Chlorophenyl-phenylether	15.50	204	1386512	69.836	ng		98
62) 4-Nitroaniline	15.53	138	745962	125.489	ng		99
63) Azobenzene	15.80	77	2402442	72.395	ng		98
65) 4,6-Dinitro-2-methylphenol	15.59	198	424736	92.508	ng		91
66) n-Nitrosodiphenylamine	15.72	169	2328466	94.963	ng		100
67) 4-Bromophenyl-phenylether	16.39	248	878227	77.502	ng		99
68) Hexachlorobenzene	16.52	284	997642	77.494	ng		96
69) Atrazine	16.67	200	786871	96.910	ng		99
70) Pentachlorophenol	16.85	266	594344	94.891	ng		99
71) Phenanthrene	17.24	178	4218893	95.136	ng		99
72) Anthracene	17.33	178	4149247	94.256	ng		99
73) Carbazole	17.60	167	3868604	105.318	ng		99
74) Di-n-butylphthalate	18.17	149	4536214	81.392	ng		100
75) Fluoranthene	19.26	202	4871535	91.096	ng		98
77) Benzidine	19.43	184	1939981	111.243	ng		100
78) Pyrene	19.62	202	5023663	91.794	ng		98
80) Butylbenzylphthalate	20.52	149	2088305	85.313	ng		98
81) Benzo(a)anthracene	21.36	228	4930411	90.170	ng		98
82) 3,3'-Dichlorobenzidine	21.29	252	1801564	94.497	ng		99
83) Chrysene	21.41	228	4680379	88.671	ng		98
84) Bis(2-ethylhexyl)phthalate	21.30	149	2942737	79.938	ng		98
85) Di-n-octyl phthalate	22.19	149	4993291	83.802	ng		98
86) Indeno(1,2,3-cd)pyrene	25.98	276	6065705	102.590	ng	#	100
88) Benzo(b)fluoranthene	22.97	252	5063774	89.181	ng		100
89) Benzo(k)fluoranthene	23.02	252	5063915	91.236	ng		99
90) Benzo(a)pyrene	23.56	252	4833216	93.467	ng		99
91) Dibenzo(a,h)anthracene	25.99	278	4952818	90.141	ng		99
92) Benzo(g,h,i)perylene	26.69	276	4846827	100.899	ng		99

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

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